

Article number	Specifications Text
10-015	Niko Access Control – Audio kit with external unit with one bell push button for surface mounting, a power supply and
	internal unit with receiver, pre-programmed.
	Marking: CE
	Surface-mounting external unit 16 mm with 1 bell.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	 material push buttons: metal with gilded, maintenance-free contacts long-life energy-saving name plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 53 x 62 mm (HxW)
	• Dimensions info field: 37 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	 Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 11 mA in standby
	• Maximum input current: I(Pmax) = 21 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Marking: CE
	Compact intercom for surface-mounting, white. The compact intercom is part of a door communication system with an
	external unit and a power supply. This intercom allows you to communicate with people calling at the door. The device
	suitable for surface mounting and can be fitted directly onto the wall or onto a flush-mounting box. The housing is mad
	from antistatic and recyclable plastic.
	The device is equipped with keys to open the door, to switch the lighting on and off and to (de)activate the ring signal.
	There are three different calls possible: from the external unit, from the apartment door and from another internal unit
	A different ring tone can be selected for each type of call. These ring tones can be modified. The intercom offers a
	selection of 13 different ring tones. Both the speech volume and the ring volume can be adjusted manually and independently using the volume control at the bottom of the device.
	The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A
	call is displayed via a green indication LED.
	On the inside, the device is fitted with a terminal strip with four screw terminals.
	A potential-free floor-bell push button can be connected to the terminal strip.
	One of the following functions can be assigned to the free programmable function key: emit a control function (default
	setting), an internal call, a ring-and-come-in function and a call forwarding to a another device.
	 Wiring technique: 2- or 3-wire technology possible Input current at rest: I(a) = 0.2 mA, I(P) = 1 mA in standby
	Maximum input current: I(Pmax) = 70 mA
	• Minimum ambient temperature: -5 °C
	Maximum ambient temperature: +40 °C
	Finishing colour: white
	Material upperframe: polycarbonate + ABS
	• Dimensions without receiver: 180 x 100 x 23 mm (HxWxD)
	Modular power supply for a system with maximum 20 internal units and 2 external units (door or video intercom
	system). installation example: for 1 x 10-220 and 20 x 10-501 or 20 x 10-511
	 for installations with lines of max 40 mA maximum line resistance: 20 Ohm
	 maximum line resistance: 20 Onm door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm)
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)
	door opener time of 0.8s to 8s is manually adjustable
	Iight switch time from 0.8s to 5min is manually adjustable
	• cable and P terminal are protected against short-circuit
	control and indication of the working modes of the installation
	Input voltage: 230 Vac ± 10 %, 50 Hz
	Output current, A terminal: I(a) = 40 mA
	Output current P terminal: I(P) = 60 mA Minimum ambient temperature: 0 °C
	 Minimum ambient temperature: +40 °C Maximum ambient temperature: +40 °C
	 Maximum ambient temperature: +40 °C Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011.
	 Safety protections: ENV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011. DIN dimensions: DIN 4TE
	• Dimensions (HxWxD): 92,8 x 71,5 x 70,6 mm



Article number	Specifications Text
10-055	Niko Access Control – Audio kit with a surface-mounting external unit with two push-button doorbells, a power supply
	and two internal units with receiver, pre-programmed.
	Marking: CE
	Surface-mounting external unit 16 mm with 2 bells.
	• each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	long-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 19 x 62 mm (HxW)
	• Dimensions info field: 25 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	R-terminal to connect an extended function (e.g. door release)
	 door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit).
	 length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 11 mA in standby
	Maximum input current: I(Pmax) = 21 mA
	• Minimum ambient temperature: -20 °C
	 Maximum ambient temperature: +50 °C Finishing colour: grey
	Marking: CE
	Compact intercom for surface-mounting, white. The compact intercom is part of a door communication system with an
	external unit and a power supply. This intercom allows you to communicate with people calling at the door. The device is
	suitable for surface mounting and can be fitted directly onto the wall or onto a flush-mounting box. The housing is made from antistatic and recyclable plastic.
	The device is equipped with keys to open the door, to switch the lighting on and off and to (de)activate the ring signal.
	There are three different calls possible: from the external unit, from the apartment door and from another internal unit.
	A different ring tone can be selected for each type of call. These ring tones can be modified. The intercom offers a
	selection of 13 different ring tones. Both the speech volume and the ring volume can be adjusted manually and
	independently using the volume control at the bottom of the device. The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A
	call is displayed via a green indication LED.
	On the inside, the device is fitted with a terminal strip with four screw terminals.
	A potential-free floor-bell push button can be connected to the terminal strip.
	One of the following functions can be assigned to the free programmable function key: emit a control function (default
	setting), an internal call, a ring-and-come-in function and a call forwarding to a another device.
	Wiring technique: 2- or 3-wire technology possible
	• Input current at rest: $I(a) = 0.2 \text{ mA}$, $I(P) = 1 \text{ mA in standby}$
	• Maximum input current: I(Pmax) = 70 mA
	• Minimum ambient temperature: -5 °C
	 Maximum ambient temperature: +40 °C Finishing colour: white
	Finishing colour: white Material upperframe: polycarbonate + ABS
	• Dimensions without receiver: 180 x 100 x 23 mm (HxWxD)
	Modular power supply for a system with maximum 20 internal units and 2 external units (door or video intercom
	system). installation example: for 1 x 10-220 and 20 x 10-501 or 20 x 10-511 • for installations with lines of max 40 mA
	tor installations with lines of max 40 mA maximum line resistance: 20 Ohm
	 door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm)
	• light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)
	door opener time of 0.8s to 8s is manually adjustable
	Ight switch time from 0.8s to 5min is manually adjustable achieved a terminal are protected arguing the trainsuit
	 cable and P terminal are protected against short-circuit control and indication of the working modes of the installation
	• Input voltage: 230 Vac ± 10 %, 50 Hz
	• Output current, A terminal: I(a) = 40 mA
	• Output current P terminal: I(P) = 60 mA
	Minimum ambient temperature: 0 °C
	Maximum ambient temperature: +40 °C Safety protections: EMV in accordance with EN 50081 and EN 50082 2: suppression in accordance with EN 55011
	 Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011. DIN dimensions: DIN 4TE
	• Dimensions. Dim 412 • Dimensions (HxWxD): 92.8 x 71.5 x 70.6 mm
	• Marking: CE



Article number	Specifications Text
10-060	Niko Access Control – Video kit with a compact external unit with one bell push button for surface mounting, a power
	supply and a hands-free internal unit, pre-programmed.
	• Dimensions (HxWxD): 175 x 104 mm
	Marking: CE
	Surface-mounting external unit with 1 bell and colour camera.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	• material push buttons: metal with gilded, maintenance-free contacts
	• long-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	Sony Super HAD CCD-sensor with 420 TV-lines
	• focal length (f): 3.6 mm
	• light sensitivity: 0.2 lux
	diagonal angular aperture: 90°
	• recommended mounting height for the camera: 1.6 m.
	video output: 1 Vpp BAS, symmetrical equipped with five infrared LEDs to ensure better visibility at night
	 equipped with five infrared LEDs to ensure better visibility at night. a light sensor next to the camera determines whether the lighting has to be switched on.
	Wiring technique: 6-wire technology required a partial for the local control of a 24 V DC contact
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	 Input current at rest: I(a) = 2.8 mA, I(P) = 125 mA in standby Maximum input current: I/Pmaxb = 180 mA
	Maximum input current: I(Pmax) = 180 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	Dimensions (HxWxD): 175 x 104 mm
	Marking: CE
	Compact hands-free internal video unit with colour screen and menu function, for surface-mounting. "The internal video unit is part of door communication system comprising one external unit and a power supply. It can display an image of a visitor at the door and enables you to communicate with the visitor and let him in. It is equipped with a TFT colour display with a diagonal length of 8.6 cm. The device can be attached directly to the wall or mounted in a flush-mounting box. The communication occurs hands-free in two directions. The device has touch-sensitive controls and does not have
	any mechanical buttons. It is equipped with keys to open the door, to switch on the lighting, to activate the menu, to open a conversation and to activate the camera image.
	There are four different calls possible: from the apartment door, from the main external unit, from an auxiliary external unit and a call originating from another internal unit.
	There is a different ring tone for each type of call. These ring tones can be modified. There are 13 ring tones from which to choose.
	The ring signal can be set using the menu. The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A call is displayed via a green indication LED. The device is equipped with a removable terminal strip and a jumper to configure the terminal resistor for the video
	signal.
	A potential-free floor-bell push button can be connected to the terminal strip.
	The following functions are possible via the menu: the setting up and making of up to 10 internal calls, the transmission
	of three control functions to control contacts, an internal call, a ring-and-come-in function and the set up of call diversion
	to another device.
	There are five possible menu languages: English, French, Dutch, Slovak and German.
	Wiring technique: 6-wire technology required
	• Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 33 \text{ mA}$ in standby
	Maximum input current: I(Pmax) = 200 mA
	• Minimum ambient temperature: 0 °C
	Maximum ambient temperature: +40 °C
	Finishing colour: white
	Material upperframe: polycarbonate + ABS
	Modular power supply for a video installation with a maximum of 12 internal video units, 1 video splitter and 1 external video unit (video intercom system). • for installations with lines of 60 mA
	• maximum line resistance: 20 Ohm
	• door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm)
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)
	door opener time of 0.8s to 8s is manually adjustable
	 light switch time from 0.8s to 5min is manyally adjustable
	cable and P terminal are protected against short-circuit
	switched power supply with high efficiency
	 control and indication of the working modes of the installation.

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Article number	Specifications Text
10-065	Niko Access Control – Video kit with a compact external unit with one bell push button for surface mounting, a power
	supply and an internal unit with receiver, pre-programmed.
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	Marking: CE
	Surface-mounting external unit with 1 bell and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting Former black in Disvisions
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Discontinue prove field: 24 - C2
	Dimensions name field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera: Converse LAD CCD sector with 420 TV/lines
	Sony Super HAD CCD-sensor with 420 TV-lines
	• focal length (f): 3.6 mm
	• light sensitivity: 0.2 lux
	• diagonal angular aperture: 90°
	recommended mounting height for the camera: 1.6 m.
	video output: 1 Vpp BAS, symmetrical
	equipped with five infrared LEDs to ensure better visibility at night.
	• a light sensor next to the camera determines whether the lighting has to be switched on.
	Wiring technique: 6-wire technology required a systematic technology required
	• extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	Input current at rest: I(a) = 2.8 mA, I(P) = 125 mA in standby
	Maximum input current: I(Pmax) = 180 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Dimensions (HxWxD): 175 x 104 mm
	Marking: CE
	Internal video unit for surface-mounting with colour screen and receiver. The internal video unit is part of door
	communication system comprising one external unit and a power supply. The TFT-colour screen with a diagonal screen
	size of 8.9 cm (3.5") relays the image of a visitor at the door. The receiver used to communicate with the visitor and the
	visitor is allowed entry by pushing using a button.
	The device can be attached directly to the wall or a flush-mounting box.
	There is a function key available with which you can either switch lights on or off, or activate the camera image, or emit a
	control function to operate a contact.
	The ringtone can be switched on or off with a switch at the side of the device. The ringtone volume control can also be
	found there. The device is equipped with a removable terminal strip and a jumper to configure the terminal resistor for the video
	signal.
	A potential-free floor-bell push button can also be connected to the terminal strip.
	The device can also be programmed in parallel with another internal unit.
	- Wising techniques Chuise technology required
	Wiring technique: 6-wire technology required
	• Input current at rest: $I(a) = 0.2 \text{ mA}$, $I(P) = 4 \text{ mA}$ in standby
	Maximum input current: I(Pmax) = 90 mA
	Minimum ambient temperature: 0 °C
	• Maximum ambient temperature: +40 °C
	Finishing colour: white Protection degrees U20
	Protection degree: IP30
	Material upperframe: plastic Dimensions without receiver: 200 x 100 x 28 mm (Uv0/VvD)
	• Dimensions without receiver: 250 x 100 x 28 mm (HxWxD)
	Modular power supply for a video installation with a maximum of 12 internal video units, 1 video splitter and 1 external
	video unit (video intercom system). • for installations with lines of 60 mA
	maximum line resistance: 20 Ohm
	door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm)
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)
	door opener time of 0.8s to 8s is manually adjustable
	light switch time from 0.8s to 5min is manually adjustable
	cable and P terminal are protected against short-circuit
	switched power supply with high efficiency
	control and indication of the working modes of the installation.
	• Input voltage: 230 Vac ± 10 %, 50 Hz
	• Input voltage: 230 vac \pm 10 %, 50 Hz • Output current, A terminal: I(a) = 60 mA
	• Output current P terminal: $I(P) = 600 \text{ mA}_4$
	• Minimum ambient temperature: $0 ^{\circ}\text{C}$
	Manimum ambient temperature: +40 °C
	Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011.
	Salety protections: Environ accordance with EN 50061 and EN 50062-2, suppression in accordance with EN 55011. OIN dimensions: DIN 6TE
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Article number	Specifications Text
10-070	Niko Access Control – Video kit with a compact external unit with two push-button doorbells for surface mounting, a
	power supply and two hands-free internal units, pre-programmed.
	- Marking CE
	Marking: CE
	Surface-mounting external unit with 2 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Dimensions name field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	Sony Super HAD CCD-sensor with 420 TV-lines
	focal length (f): 3.6 mm
	Iight sensitivity: 0.2 lux
	diagonal angular aperture: 90° recommonded mounting beight for the compress 1.6 m
	recommended mounting height for the camera: 1.6 m. video output: 1 Van BAS, symmetrical
	 video output: 1 Vpp BAS, symmetrical equipped with five infrared LEDs to ensure better visibility at night.
	 a light sensor next to the camera determines whether the lighting has to be switched on.
	Wiring technique: 6-wire technology required
	 extra terminal for the local control of a 24 V DC contact.
	adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: $I(a) = 2.8 \text{ mA}$, $I(P) = 125 \text{ mA}$ in standby
	Maximum input current: I(Pmax) = 180 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	• Dimensions (HxWxD): 175 x 104 mm
	Marking: CE
	Compact hands-free internal video unit with colour screen and menu function, for surface-mounting. "The internal vide unit is part of door communication system comprising one external unit and a power supply. It can display an image of visitor at the door and enables you to communicate with the visitor and let him in. It is equipped with a TFT colour display with a diagonal length of 8.6 cm. The device can be attached directly to the wall or mounted in a flush-mountin box. The communication occurs hands-free in two directions. The device has touch-sensitive controls and does not have
	any mechanical buttons. It is equipped with keys to open the door, to switch on the lighting, to activate the menu, to open a conversation and t activate the same a image
	activate the camera image. There are four different calls possible: from the apartment door, from the main external unit, from an auxiliary externa
	unit and a call originating from another internal unit.
	There is a different ring tone for each type of call. These ring tones can be modified. There are 13 ring tones from which
	to choose.
	The ring signal can be set using the menu. The ring signal can be deactivated using the designated key, which is indicat by an illuminating red indication LED. A call is displayed via a green indication LED.
	The device is equipped with a removable terminal strip and a jumper to configure the terminal resistor for the video
	signal.
	A potential-free floor-bell push button can be connected to the terminal strip.
	The following functions are possible via the menu: the setting up and making of up to 10 internal calls, the transmission of three control functions to control contacts, an internal call, a ring-and-come-in function and the set up of call divers
	to another device.
	There are five possible menu languages: English, French, Dutch, Slovak and German.
	Wiring technique: 6-wire technology required
	• Input current at rest: I(a) = 0.4 mA, I(P) = 33 mA in standby
	Maximum input current: I(Pmax) = 200 mA
	Minimum ambient temperature: 0 °C
	Maximum ambient temperature: +40 °C
	Finishing colour: white
	Material upperframe: polycarbonate + ABS
	Modular power supply for a video installation with a maximum of 12 internal video units, 1 video splitter and 1 external video unit (video intercom system). • for installations with lines of 60 mA
	maximum line resistance: 20 Ohm
	• door opening function with integrated power supply: 12 V 50/60 Hz / 2 A (door opener higger / equal to 6 0 hm)
	 door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm) light switching function with potential-free relay contact (N Q · 24 V DC / 1 A)
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable light switch time from 0.8s to 5min is manually adjustable
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable

• Input voltage: 230 Vac ± 10 %, 50 Hz



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Article number	Specifications Text
10-085	Niko Access Control – Audio kit with flush-mounting external unit with one bell push button, a power supply and internal
	unit with receiver, pre-programmed.
	Marking: CE
	Flush-mounting external unit with 1 bell.
	 each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	Dimensions front plate: 208 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 159 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 53 x 62 mm (HxW)
	• Dimensions info field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• • R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby
	Maximum input current: I(Pmax) = 36 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Marking: CE
	Compact intercom for surface-mounting, white. The compact intercom is part of a door communication system with an
	external unit and a power supply. This intercom allows you to communicate with people calling at the door. The device is
	suitable for surface mounting and can be fitted directly onto the wall or onto a flush-mounting box. The housing is made
	from antistatic and recyclable plastic.
	The device is equipped with keys to open the door, to switch the lighting on and off and to (de)activate the ring signal.
	There are three different calls possible: from the external unit, from the apartment door and from another internal unit.
	A different ring tone can be selected for each type of call. These ring tones can be modified. The intercom offers a
	selection of 13 different ring tones. Both the speech volume and the ring volume can be adjusted manually and
	independently using the volume control at the bottom of the device.
	The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A
	call is displayed via a green indication LED.
	On the inside, the device is fitted with a terminal strip with four screw terminals.
	A potential-free floor-bell push button can be connected to the terminal strip.
	One of the following functions can be assigned to the free programmable function key: emit a control function (default
	setting), an internal call, a ring-and-come-in function and a call forwarding to a another device.
	Wiring technique: 2- or 3-wire technology possible
	• Input current at rest: I(a) = 0.2 mA, I(P) = 1 mA in standby
	Maximum input current: I(Pmax) = 70 mA
	• Minimum ambient temperature: -5 °C
	Maximum ambient temperature: +40 °C
	Finishing colour: white
	Material upperframe: polycarbonate + ABS
	• Dimensions without receiver: 180 x 100 x 23 mm (HxWxD)
	Modular power supply for a system with maximum 20 internal units and 2 external units (door or video intercom
	system). installation example: for 1 x 10-220 and 20 x 10-501 or 20 x 10-511
	• for installations with lines of max 40 mA
	maximum line resistance: 20 Ohm
	door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm)
	Iight switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)
	door opener time of 0.8s to 8s is manually adjustable
	Ight switch time from 0.8s to 5min is manually adjustable
	cable and P terminal are protected against short-circuit
	control and indication of the working modes of the installation
	• Input voltage: 230 Vac ± 10 %, 50 Hz
	• Output current, A terminal: I(a) = 40 mA
	• Output current P terminal: I(P) = 60 mA
	• Minimum ambient temperature: 0 °C 6
	• Maximum ambient temperature: +40 °C
	• Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011.
	DIN dimensions: DIN 4TE

- DIN dimensions: DIN 4TE
 Dimensions (HxWxD): 92,8 x 71,5 x 70,6 mm



Article number	Specifications Text
10-090	Niko Access Control – Audio kit with flush-mounting external unit with two push-button doorbells, a power supply and
	two hands-free internal units, pre-programmed.
	• Marking: CE
	Flush-mounting external unit with 2 bells.
	 each non-programmed push button can operate the light, light symbol supplied 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	Dimensions front plate: 208 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 159 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Dimensions info field: 37 x 62 mm (HxW)
	 Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible
	 R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit)
	• speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	 Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I(Pmax) = 36 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	Marking: CE
	Modular power supply for a system with maximum 20 internal units and 2 external units (door or video intercom
	system). installation example: for 1 x 10-220 and 20 x 10-501 or 20 x 10-511
	• for installations with lines of max 40 mA
	• maximum line resistance: 20 Ohm
	• door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm)
	 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable
	Ight switch time from 0.8s to 5min is manually adjustable
	cable and P terminal are protected against short-circuit
	control and indication of the working modes of the installation
	• Input voltage: 230 Vac ± 10 %, 50 Hz
	• Output current, A terminal: I(a) = 40 mA
	• Output current P terminal: $I(P) = 60 \text{ mA}$
	• Minimum ambient temperature: 0 °C
	• Maximum ambient temperature: +40 °C
	 Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011. DIN dimensions: DIN 4TE
	 Dimensions: Div 412 Dimensions (HxWxD): 92,8 x 71,5 x 70,6 mm
	• Marking: CE
	Compact internal audio unit for surface mounting. The internal audio unit is part of door communication system
	comprising one external unit and a power supply. The system allows you to communicate with a visitor at the door and let him in. The device is suitable for surface-mounting and can be attached directly to the wall or mounted in a flush-
	mounting box. Manually directed two-way conversation is possible in addition to hands-free conversation in 2 direction
	The housing is made of anti-static and recyclable plastic.
	The device is equipped with keys to open the door, to switch on the lighting, to open a conversation and to switch
	between speaking / listening (for a manually activated 2-way speech connection).
	There are 4 different calls possible: from the apartment door, from the main external unit, from an auxiliary external unit
	and a call originating from another internal unit. There is a different ring tone for each type of call. These ring tones can be modified. There are 13 ring tones from which
	to choose. The ring tone can be set manually.
	The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A
	call is displayed via a green indication LED.
	On the inside, the device is fitted with a terminal strip with five screw terminals.
	A potential-free floor-bell push button can be connected to the terminal strip.
	One of the following functions can be assigned to the free programmable function key: emit a control function (defaul setting), an internal call, a ring-and-come-in function and a call forwarding to a another device.
	• Wiring technique: 2- or 3-wire technology-possible
	Minimum ambient temperature: -5 °C
	Maximum ambient temperature: +40 °C Finishing seleur, white
	Finishing colour: white

- Finishing colour: white
 Dimensions without receiver: 180 x 100 x 23 mm (HxWxD)



Article number	Specifications Text
10-095	Niko Access Control – Video kit with a flush-mounting external unit with two push-button doorbells, a power supply and
	two internal units with receiver, pre-programmed.
	• Marking, CE
	Marking: CE
	Flush-mounting external unit with 2 bells.
	• each non-programmed push button can operate the light, light symbol supplied
	2 internal units can be linked to each push button bell
	 Acknowledgement tone when pressing the bell button material push buttons: metal with gilded, maintenance-free contacts
	Indefinit part socials inclusively manner line of the conducts Indefinite and the lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	 Fixing method: win:clip principle Dimensions front plate: 208 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 159 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Dimensions info field: 37 x 62 mm (HxW)
	 Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• • R-terminal to connect an extended function (e.g. door release)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit) length of conversation: E6 s (can be adjusted via service unit)
	 length of conversation: 56 s (can be adjusted via service unit). Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby
	• Maximum input current: I(Pmax) = 36 mA
	• Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium Finishing colour: grey
	Marking: CE
	Compact intercom for surface-mounting, white. The compact intercom is part of a door communication system with an
	external unit and a power supply. This intercom allows you to communicate with people calling at the door. The device is suitable for surface mounting and can be fitted directly onto the wall or onto a flush-mounting box. The housing is made
	from antistatic and recyclable plastic.
	The device is equipped with keys to open the door, to switch the lighting on and off and to (de)activate the ring signal.
	There are three different calls possible: from the external unit, from the apartment door and from another internal unit.
	A different ring tone can be selected for each type of call. These ring tones can be modified. The intercom offers a
	selection of 13 different ring tones. Both the speech volume and the ring volume can be adjusted manually and independently using the volume control at the bottom of the device.
	The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A
	call is displayed via a green indication LED.
	On the inside, the device is fitted with a terminal strip with four screw terminals.
	A potential-free floor-bell push button can be connected to the terminal strip. One of the following functions can be assigned to the free programmable function key: emit a control function (default
	setting), an internal call, a ring-and-come-in function and a call forwarding to a another device.
	Wiring technique: 2- or 3-wire technology possible
	 Input current at rest: I(a) = 0.2 mA, I(P) = 1 mA in standby Maximum input current: I(Pmax) = 70 mA
	Minimum input current: i(Pmax) = 70 mA Minimum ambient temperature: -5 °C
	• Maximum ambient temperature: +40 °C
	• Finishing colour: white
	Material upperframe: polycarbonate + ABS Dimensions without receiver: 180 x 100 x 22 mm (HxW/yD)
	Dimensions without receiver: 180 x 100 x 23 mm (HxWxD)
	Modular power supply for a system with maximum 20 internal units and 2 external units (door or video intercom
	system). installation example: for 1 x 10-220 and 20 x 10-501 or 20 x 10-511
	for installations with lines of max 40 mA maximum line registrance: 20 Ohm
	 maximum line resistance: 20 Ohm door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm)
	 light switching function with integrated power supply. 12 v, 30/00 HZ / 2 A (door opener bigger / equal to 8 Ohin) light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)
	door opener time of 0.8s to 8s is manually adjustable
	light switch time from 0.8s to 5min is manually adjustable
	cable and P terminal are protected against short-circuit capital and indication of the working modes of the installation
	control and indication of the working modes of the installation
	• Input voltage: 230 Vac ± 10 %, 50 Hz
	• Output current, A terminal: I(a) = 40 mA
	• Output current P terminal: I(P) = 60 mA
	Minimum ambient temperature: 0 °C 8
	 Maximum ambient temperature: +40 °C Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011.
	• DIN dimensions: DIN 4TE

- DIN dimensions: DIN 4TE
 Dimensions (HxWxD): 92,8 x 71,5 x 70,6 mm



Article number 10-104	Specifications Text Surface-mounting external unit 20 mm with 4 bells in two rows.
10-104	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button material much buttons, material with silded maintenance free contacts
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• • R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	 Input current at rest: I(a) = 0.4 mA, I(P) = 16 mA in standby
	Maximum input current: I(Pmax) = 65 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	Marking: CE
10-106	Surface-mounting external unit 20 mm with 6 bells in two rows.
10 100	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	Ingth of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 16 mA in standby
	Maximum input current: I(Pmax) = 65 mA
	• Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	Marking: CE
10-108	Surface-mounting external unit 20 mm with 8 bells in two rows.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Internal memory for the exchange of data between identical external units (EEPKON)
	Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• • R-terminal to connect an extended function (e.g. door release)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 16 mA in standby
	Maximum input current: I(Pmax) = 65 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Marking: CE



Article number	Specifications Text
10-110	Surface-mounting external unit 20 mm with 10 bells in two rows.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• R-terminal to connect an extended function (e.g. door release)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 16 \text{ mA}$ in standby
	Maximum input current: I(Pmax) = 65 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Marking: CE
10-112-01	Extension module with 20 mm in two rows for surface-mounting external unit 12 bells.
10-112-01	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	 Inactional push buttons, metal with glided, maintenance-nee contacts Iong-life energy-saving name plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 internal memory for the exchange of data between identical external units (EEPROM)
	• Internal memory for the exchange of data between identical external units (EEPKOW)
	• Number of extensions: a maximum of 4 extensions are passible
	Number of extensions: a maximum of 4 extensions are possible Dimensions name field: 15 x 20 mm (HvW)
	Dimensions name field: 15 x 39 mm (HxW) Wiring technology required
	Wiring technique: 3-wire technology required Input surrent at rest. I(a) = 0.4 mA. I(b) = I(Dmax)
	Input current at rest: I(a) = 0.4 mA, I(P) = I(Pmax) Advimum input current: I(Pmax) = 1.2 mA
	Maximum input current: I(Pmax) = 12 mA Minimum ambient term contents = 20 %C
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	• Finishing colour: grey
10 114 01	Marking: CE
10-114-01	Extension module with 20 mm in two rows for surface-mounting external unit 14 bells.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Number of extensions: a maximum of 4 extensions are possible
	• Dimensions name field: 15 x 39 mm (HxW)
	Wiring technique: 3-wire technology required
	• Input current at rest: I(a) = 0.4 mA, I(P) = I(Pmax)
	Maximum input current: I(Pmax) = 12 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	Marking: CE



Illuminating ideas	
Article number	Specifications Text
10-116-01	Extension module with 20 mm in two rows for surface-mounting external unit 16 bells.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Number of extensions: a maximum of 4 extensions are possible
	• Dimensions name field: 15 x 39 mm (HxW)
	Wiring technique: 3-wire technology required
	• Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = I(Pmax)$
	• Maximum input current: I(Pmax) = 12 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Marking: CE
10-118-01	Extension module with 20 mm in two rows for surface-mounting external unit 18 bells.
10 110 01	each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Ing-life energy-saving name plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 internal memory for the exchange of data between identical external units (EEPROM)
	• Internal memory for the exchange of data between identical external units (LEPROW)
	Number of extensions: a maximum of 4 extensions are possible
	 Dimensions name field: 15 x 39 mm (HxW)
	Wiring technique: 3-wire technology required
	Input current at rest: I(a) = 0.4 mA, I(P) = I(Pmax) Advirgum input current: I/Pmax) = 12 mA
	Maximum input current: I(Pmax) = 12 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Finishing colour: grey
10.151	Marking: CE
10-151	Surface-mounting external unit 16 mm with 1 bell.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 53 x 62 mm (HxW)
	• Dimensions info field: 37 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wind ophone: Volume and metophone sensitivity can be adjusted mandally Wind phone: 3-wire technology recommended, 2-wire technology possible
	• R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit).
	 In the adjusted via service unit; In the adjusted via service unit;
	Input current at rest: I(a) = 0.4 mA, I(P) = 11 mA in standby Maximum input current: I/Pmax) = 21 mA
	Maximum input current: I(Pmax) = 21 mA
	• Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Marking: CE



	Illuminating ide
Article number	Specifications Text
10-152	Surface-mounting external unit 16 mm with 2 bells.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 19 x 62 mm (HxW)
	Dimensions info field: 25 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	speech connection during activation of the door relay (can be adjusted via service unit)
	Ingth of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 11 mA in standby
	Maximum input current: I(Pmax) = 21 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	• Marking: CE
10-153	Surface-mounting external unit 16 mm with 3 bells.
10 100	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Indefinite energy-saving name plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Dimensions name field: 19 x 62 mm (HxW)
	Dimensions info field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	speech connection during activation of the door relay (can be adjusted via service unit)
	Ingth of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 11 mA in standby
	Maximum input current: I(Pmax) = 21 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	• Marking: CE
10-154	Surface-mounting external unit 16 mm with 4 bells.
•	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Indena push buttons. metal with glided, maintenance-nee contacts Inden push buttons are plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 Infinition, indestructible and varidal proof name place in Plexignass internal memory for the exchange of data between identical external units (EEPROM)
	- התכודומו התכודוסיץ זטר נווב באכוזמווצב טר עמנמ שבנשכבוו ועבודנולמו פאנפרוזמו עוזונא (בבראטואו)
	• Dimensions name field: 19 x 62 mm (HvW/)
	Dimensions name field: 19 x 62 mm (HxW) Missenhane und missenhane sensitivity can be adjusted manually
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	speech connection during activation of the door relay (can be adjusted via service unit)
	Iength of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 11 mA in standby
	Maximum input current: I(Pmax) = 21 mA
	 Maximum input current: I(Pmax) = 21 mA Minimum ambient temperature: -20 °C
	• Minimum ambient temperature: -20 °C



Article number	Specifications Text
10-156	Surface-mounting external unit 16 mm with 6 bells.
10 150	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 internal memory for the exchange of data between identical external units (EEPROM)
	internal memory for the exchange of data between definition external direction (LET NOW)
	• Dimensions name field: 19 x 62 mm (HxW)
	• Microphone: volume and microphone sensitivity can be adjusted manually
	• Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• • R-terminal to connect an extended function (e.g. door release)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 11 \text{ mA}$ in standby
	• Maximum input current: I(Pmax) = 21 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	• Marking: CE
10-161	Surface-mounting external unit with 1 bell and colour camera.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	Sony Super HAD CCD-sensor with 420 TV-lines
	• focal length (f): 3.6 mm
	• light sensitivity: 0.2 lux
	• diagonal angular aperture: 90°
	• recommended mounting height for the camera: 1.6 m.
	video output: 1 Vpp BAS, symmetrical
	• equipped with five infrared LEDs to ensure better visibility at night.
	• a light sensor next to the camera determines whether the lighting has to be switched on.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 2.8 mA, I(P) = 125 mA in standby
	• Maximum input current: I(Pmax) = 180 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	• Dimensions (HxWxD): 175 x 104 mm
	Marking: CE



Article number	Illuminating idea
Article number 10-162	Specifications Text Surface-mounting external unit with 2 bells and colour camera.
10-102	each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	 Indental push buttons: metal with gided, maintenance-nee contacts Iong-life energy-saving name plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	Sony Super HAD CCD-sensor with 420 TV-lines
	• focal length (f): 3.6 mm
	• light sensitivity: 0.2 lux
	diagonal angular aperture: 90°
	recommended mounting height for the camera: 1.6 m.
	video output: 1 Vpp BAS, symmetrical source batter visibility at night
	equipped with five infrared LEDs to ensure better visibility at night. a light concer payt to the compare datermines whether the lighting has to be switched on
	• a light sensor next to the camera determines whether the lighting has to be switched on.
	Wiring technique: 6-wire technology required
	• extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 2.8 mA, I(P) = 125 mA in standby
	Maximum input current: I(Pmax) = 180 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	• Dimensions (HxWxD): 175 x 104 mm
	Marking: CE
10-163	Surface-mounting external unit with 3 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Dimensions name field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	Sony Super HAD CCD-sensor with 420 TV-lines
	• focal length (f): 3.6 mm
	• light sensitivity: 0.2 lux
	• diagonal angular aperture: 90°
	• recommended mounting height for the camera: 1.6 m.
	• video output: 1 Vpp BAS, symmetrical
	• equipped with five infrared LEDs to ensure better visibility at night.
	• a light sensor next to the camera determines whether the lighting has to be switched on.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	 Input current at rest: I(a) = 2.8 mA, I(P) = 125 mA in standby
	• Maximum input current: I(Pmax) = 180 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Dimensions (HxWxD): 175 x 104 mm
	Marking: CE



Article number	Specifications Text
10-201	Flush-mounting external unit with 1 bell.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	• Dimensions front plate: 208 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 159 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 53 x 62 mm (HxW)
	• Dimensions info field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	• Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• • R-terminal to connect an extended function (e.g. door release)
	 door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 19 \text{ mA}$ in standby
	• Maximum input current: I(Pmax) = 36 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	Marking: CE
10-202	Flush-mounting external unit with 2 bells.
10 202	 each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 internal memory for the exchange of data between identical external units (EEPROM)
	· internal memory for the exchange of data between identical external units (EEI NOW)
	• Fixing method: win:clip principle
	Dimensions front plate: 208 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 159 x 126 x 40 mm (HxWxD)
	 Dimensions name field: 19 x 62 mm (HxW)
	Dimensions info field: 37 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	 R-terminal to connect an extended function (e.g. door release)
	 door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit).
	 In the speech connection during activation of the door relay (can be adjusted via service unit) In the speech conversation: 56 s (can be adjusted via service unit).
	 Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I(Dmax) = 26 mA
	Maximum input current: I(Pmax) = 36 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Marking: CE



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Article number	Specifications Text
10-203	Flush-mounting external unit with 3 bells.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	long-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	Dimensions front plate: 208 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 159 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	• Dimensions info field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	 R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	 Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I/(Dmax) = 2.6 mA
	Maximum input current: I(Pmax) = 36 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
10.004	Marking: CE
10-204	Flush-mounting external unit with 4 bells.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	• Dimensions front plate: 208 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 159 x 126 x 40 mm (HxWxD)
	Dimensions name field: 19 x 62 mm (HxW)
	Dimensions info field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	 R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 activation time of the door relay (for controlling the memory in internal units): so s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit).
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby
	Maximum input current: I(Pmax) = 36 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Marking: CE



Article number	Specifications Text
10-206	Flush-mounting external unit with 6 bells.
10 200	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Ingelife energy-saving name plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Internal memory for the exchange of data between identical external units (ELF NOW)
	Fixing method: win:clip principle
	Dimensions flush-mounting box: 203 x 126 x 40 mm (HxWxD)
	 Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• R-terminal to connect an extended function (e.g. door release)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	Iength of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby
	Maximum input current: I(Pmax) = 36 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Marking: CE
10-208	Flush-mounting external unit with 8 bells.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	in the energy suving name place lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM)
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD)
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD)
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW)
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW)
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release)
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit)
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit) length of conversation: 56 s (can be adjusted via service unit).
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit) length of conversation: 56 s (can be adjusted via service unit). Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit) length of conversation: 56 s (can be adjusted via service unit). Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I(Pmax) = 36 mA
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit) length of conversation: 56 s (can be adjusted via service unit). Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I(Pmax) = 36 mA Minimum ambient temperature: -20 °C
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit). length of conversation: 56 s (can be adjusted via service unit). Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I(Pmax) = 36 mA Minimum ambient temperature: +50 °C
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit) length of conversation: 56 s (can be adjusted via service unit). Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I(Pmax) = 36 mA Minimum ambient temperature: -20 °C Maximum ambient temperature: +50 °C Thickness of front plate: 3 mm aluminium
	 5 mm thick, indestructible and vandal proof name place in Plexiglass internal memory for the exchange of data between identical external units (EEPROM) Fixing method: win:clip principle Dimensions front plate: 296 x 150 x 3 mm (HxWxD) Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually Wiring technique: 3-wire technology recommended, 2-wire technology possible R-terminal to connect an extended function (e.g. door release) door opener time on R-terminal: 3 s (can be adjusted via service unit) activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit). speech connection during activation of the door relay (can be adjusted via service unit). length of conversation: 56 s (can be adjusted via service unit). Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby Maximum input current: I(Pmax) = 36 mA Minimum ambient temperature: +50 °C



Article number	Specifications Text
10-210	Flush-mounting external unit with 10 bells.
10 210	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Indefinite for the second s
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	- Fixing method, windle principle
	Fixing method: win:clip principle Dimensions front rists 240 + 150 + 2 mm (H+M4D)
	Dimensions front plate: 340 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 291 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	Iength of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.4 mA, I(P) = 19 mA in standby
	Maximum input current: I(Pmax) = 36 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	Marking: CE
10-212	Flush-mounting external unit with 12 bells.
10 212	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting Section 2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 252 x 274 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 203 x 250 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	Iength of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.8 mA, I(P) = 36 mA in standby
	• Maximum input current: I(Pmax) = 40 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey



Article number	Specifications Text
10-214	Flush-mounting external unit with 14 bells.
	each non-programmed push button can operate the light, light symbol supplied a sinternal units and he linked to each much button hell
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 274 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 225 x 250 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	 R-terminal to connect an extended function (e.g. door release) door opport time on P. terminal: 2 c (can be adjusted via convice unit)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.8 mA, I(P) = 36 mA in standby
	• Maximum input current: I(Pmax) = 40 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	Marking: CE
10-216	Flush-mounting external unit with 16 bells.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	 Dimensions front plate: 296 x 274 x 3 mm (HxWxD)
	Dimensions flush-mounting box: 247 x 250 x 40 mm (HxWxD) Dimensions name field: 19 x 62 mm (HxW)
	Dimensions name field: 19 x 62 mm (HxW) Missenhane values and missenhane constituity can be adjusted manually.
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.8 mA, I(P) = 36 mA in standby
	• Maximum input current: I(Pmax) = 40 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	Marking: CE



Article number	Specifications Text
10-218	Flush-mounting external unit with 18 bells.
10-210	 each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Indentify part buttons: metal with gives, maintenance mee contacts Indentify part buttons: metal with gives, maintenance mee contacts
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	Dimensions front plate: 318 x 274 x 3 mm (HxWxD)
	 Dimensions flush-mounting box: 269 x 250 x 40 mm (HxWxD)
	Dimensions name field: 19 x 62 mm (HxW) Afore the analysis of the second seco
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	speech connection during activation of the door relay (can be adjusted via service unit)
	Iength of conversation: 56 s (can be adjusted via service unit).
	 Input current at rest: I(a) = 0.8 mA, I(P) = 36 mA in standby
	Maximum input current: I(Pmax) = 40 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Marking: CE
10-220	Flush-mounting external unit with 20 bells.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	• material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 340 x 274 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 291 x 250 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	 R-terminal to connect an extended function (e.g. door release)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 0.8 mA, I(P) = 36 mA in standby
	• Maximum input current: I(Pmax) = 40 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Marking: CE



Article number	Specifications Text
10-224	Flush-mounting external unit with 24 bells.
10 22 1	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	 long-life energy-saving name plate lighting 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 296 x 398 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 247 x 374 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• R-terminal to connect an extended function (e.g. door release)
	• door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	• speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 1.2 mA, I(P) = 53 mA in standby
	• Maximum input current: I(Pmax) = 58 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	Marking: CE
10-227	Flush-mounting external unit with 27 bells.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 318 x 398 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 269 x 374 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	• Wiring technique: 3-wire technology recommended, 2-wire technology possible
	• • R-terminal to connect an extended function (e.g. door release)
	door opener time on R-terminal: 3 s (can be adjusted via service unit)
	• activation time of the door relay (for controlling the memory in internal units): 56 s (can be adjusted via service unit).
	 speech connection during activation of the door relay (can be adjusted via service unit)
	• length of conversation: 56 s (can be adjusted via service unit).
	• Input current at rest: I(a) = 1.2 mA, I(P) = 53 mA in standby
	Maximum input current: I(Pmax) = 58 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Marking: CE



Article number	Specifications Text
10-286	Modular external audio unit for flush-mounting with 3 modules: audio, display and code lock.
	• front plate dimensions: 440 x 200 x 3 mm (HxWxD)
	• flush-mounting frame dimensions: 420 x 180 x 50 mm (HxWxD)
	• finishing colour: brushed steel; modules made of black aluminium
	protection degree: IP44
	• ambient temperature: -20°C to +50°C
	vandal proof: yes
	• input current in standby: I(a) = 0.4 mA, I(P) = 140 mA
	• max input current: I(Pmax) = 245 mA
	wire technique: 3-wired
	• marking: CE
	suitable for projects with up to 256 housing units
	• fully graphic, monochrome display of 160 x 104 pixels
	hands-free conversation (standard); full duplex conversation possible
	• visual feedback for visitor (colour pictographs)
	error detection and indication
	• integrated twilight switch
	start screen individually programmable
	direct dialling possible (in combination with 10-850)
	• extra clamps: yes (e.g. for connecting door opener)
	removable EEPROM memory
	configurable with Niko Configuration SW for access control
	Marking: CE
10-301	Flush-mounting external unit with 1 bell and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 252 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 203 x 126 x 40 mm (HxWxD)
	Dimensions name field: 24 x 62 mm (HxW)
	Dimensions info field: 24 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	• video output: 1 Vpp, symmetrical
	diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• extra terminal for the local control of a 24 V DC contact.
	adjustable time settings such as the door opener time, the activation time and the conversation time.
	 Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby
	Maximum input current: I(Pmax) = 156 mA
	Minimum ambient temperature: -20 °C Maximum ambient temperature: -50 °C
	Maximum ambient temperature: +50 °C This/wass of front plate: 2 mm aluminium
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	• Dimensions (HxWxD): 252 x 150 mm
	Marking: CE



Article number 10-302	Specifications Text Flush-mounting external unit with 2 bells and colour camera.
10-302	 each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Ingelife energy-saving name plate lighting
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	• Dimensions front plate: 252 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 203 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	• Dimensions info field: 37 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	• video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby
	Maximum input current: I(Pmax) = 156 mA
	• Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	• Dimensions (HxWxD): 252 x 150 mm
	Marking: CE
10-303	Flush-mounting external unit with 3 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 internal memory for the exchange of data between identical external units (EEPROM)
	• Fiving method, windle principle
	Fixing method: win:clip principle Dimensions front rolate: 252 x 150 x 2 mm (UV)(VD)
	 Dimensions front plate: 252 x 150 x 3 mm (HxWxD) Dimensions fluch mounting hox: 202 x 126 x 40 mm (HxWxD)
	Dimensions flush-mounting box: 203 x 126 x 40 mm (HxWxD) Dimensions name field: 10 x 62 mm (HxWV)
	Dimensions name field: 19 x 62 mm (HxW) Dimensions info field: 10 x 62 mm (HxW)
	Dimensions info field: 19 x 62 mm (HxW)
	 Microphone: volume and microphone consitivity can be adjusted manually.
	Microphone: volume and microphone sensitivity can be adjusted manually Eastures of colour camera:
	Features of colour camera:
	Features of colour camera: type: CMOS sensor
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5)
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°.
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact.
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time.
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby Maximum input current: I(Pmax) = 156 mA
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby Maximum input current: I(Pmax) = 156 mA Minimum ambient temperature: -20 °C
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby Maximum input current: I(Pmax) = 156 mA Minimum ambient temperature: +50 °C
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby Maximum input current: I(Pmax) = 156 mA Minimum ambient temperature: +20 °C Maximum ambient temperature: +50 °C Thickness of front plate: 3 mm aluminium
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby Maximum input current: I(Pmax) = 156 mA Minimum ambient temperature: +20 °C Maximum ambient temperature: +50 °C Thickness of front plate: 3 mm aluminium Finishing colour: grey
	 Features of colour camera: type: CMOS sensor resolution: 380 horizontal TV lines focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR video output: 1 Vpp, symmetrical diagonal coverage angle: 130°. Wiring technique: 6-wire technology required extra terminal for the local control of a 24 V DC contact. adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby Maximum input current: I(Pmax) = 156 mA Minimum ambient temperature: +20 °C Maximum ambient temperature: +50 °C Thickness of front plate: 3 mm aluminium



Article number	Specifications Text
10-304	Flush-mounting external unit with 4 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 252 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 203 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	• Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	Ight sensitivity: 0 lux with IR, 1 lux without IR suides subset: 1 / (as a resentation)
	video output: 1 Vpp, symmetrical
	 diagonal coverage angle: 130°. Wiring technique: 6-wire technology required
	• extra terminal for the local control of a 24 V DC contact.
	adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: $I(a) = 0.4 \text{ mA}$, $I(P) = 140 \text{ mA}$ in standby
	Maximum input current: I(Pmax) = 156 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	• Dimensions (HxWxD): 252 x 150 mm
	Marking: CE
10-306	Flush-mounting external unit with 6 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	• material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 296 x 150 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 247 x 126 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	• resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	 • extra terminal for the local control of a 24 V DC contact. • adjustable time settings such as the door opener time, the activation time and the conversation time.
	 adjustable time settings such as the door opener time, the activation time and the conversation time. Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby
	Maximum input current: I(Pmax) = 156 mA Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	• Dimensions (HxWxD): 296 x 150 mm
	Marking: CE
	Marking: CE



Article number 10-308	Specifications Text Flush-mounting external unit with 8 bells and colour camera.
10-308	 each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Indentify particular with glided, maintenance-nee conducts Indentify a series of the series
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 340 x 150 x 3 mm (HxWxD)
	Dimensions flush-mounting box: 291 x 126 x 40 mm (HxWxD)
	Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 0.4 mA, I(P) = 140 mA in standby
	Maximum input current: I(Pmax) = 156 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey Dimensional (Internet Control of C
	Dimensions (HxWxD): 340 x 150 mm
10.210	Marking: CE Shuck mounting outproved unit with 10 holls and calour compare
10-310	Flush-mounting external unit with 10 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Indental push buttons: metal with glided, maintenance-nee contacts Indental push buttons: metal with glided, maintenance-nee contacts
	 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 274 x 274 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 225 x 250 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	Iight sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 0.8 mA, I(P) = 156 mA in standby
	• Maximum input current: I(Pmax) = 160 mA
	• Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	• Dimensions (HxWxD): 274 x 274 mm
	Marking: CE



Article number	Specifications Text
10-312	Flush-mounting external unit with 12 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting Formattick indextworkille and use of associations in Disvidence
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	• Dimensions front plate: 296 x 274 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 274 x 250 x 40 mm (HxWxD)
	Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	• resolution: 380 horizontal TV lines
	 focal length: 2.0 mm (F=2.5) light sensitivity: 0 lux with IR, 1 lux without IR
	• video output: 1 Vpp, symmetrical
	diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 0.8 mA, I(P) = 156 mA in standby
	Maximum input current: I(Pmax) = 160 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	• Dimensions (HxWxD): 296 x 274 mm
10.014	Marking: CE
10-314	Flush-mounting external unit with 14 bells and colour camera.
	 each non-programmed push button can operate the light, light symbol supplied 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	 long-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	Dimensions front plate: 318 x 274 x 3 mm (HxWxD) Dimensions fluck meanning have 260 x 250 x 40 mm (HxWxD)
	• Dimensions flush-mounting box: 269 x 250 x 40 mm (HxWxD)
	 Dimensions name field: 19 x 62 mm (HxW) Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	light sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 0.8 mA, I(P) = 156 mA in standby
	• Maximum input current: I(Pmax) = 160 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium Finishing seleure grou
	 Finishing colour: grey Dimensions (HxWxD): 318 x 274 mm
	Marking: CE
L	



Article number 10-316	Specifications Text Flush-mounting external unit with 16 bells and colour camera.
10-316	 each non-programmed push button can operate the light, light symbol supplied
	 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Ingelife energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	Fixing method: win:clip principle
	Dimensions front plate: 340 x 274 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 291 x 250 x 40 mm (HxWxD)
	Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	Iight sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 0.8 mA, I(P) = 156 mA in standby
	Maximum input current: I(Pmax) = 160 mA
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	Dimensions (HxWxD): 340 x 274 mm
10.210	Marking: CE
10-318	Flush-mounting external unit with 18 bells and colour camera.
	• each non-programmed push button can operate the light, light symbol supplied
	2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	 long-life energy-saving name plate lighting 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 Information of the exchange of data between identical external units (EEPROM)
	• Internal memory for the exchange of data between identical external units (EEPROM)
	• Fixing method: win:clip principle
	• Dimensions front plate: 296 x 398 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 247 x 374 x 40 mm (HxWxD)
	• Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 1.2 mA, I(P) = 173 mA in standby
	• Maximum input current: I(Pmax) = 178 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Thickness of front plate: 3 mm aluminium
	• Finishing colour: grey
	• Dimensions (HxWxD): 296 x 398 mm
	• Marking: CE



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Article number	Specifications Text
10-321	Flush-mounting external unit with 21 bells and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	a Fiving mathed, windlin principle
	Fixing method: win:clip principle Dimensions front plote: 218 x 208 x 2 mm (HvW/vD)
	 Dimensions front plate: 318 x 398 x 3 mm (HxWxD) Dimensions flush-mounting box: 269 x 374 x 40 mm (HxWxD)
	Dimensions name field: 19 x 62 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	Ight sensitivity: 0 lux with IR, 1 lux without IR
	• video output: 1 Vpp, symmetrical
	diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	 extra terminal for the local control of a 24 V DC contact.
	adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: $I(a) = 1.2 \text{ mA}$, $I(P) = 173 \text{ mA}$ in standby
	• Maximum input current: $I(Pmax) = 178 \text{ mA}$
	Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	Thickness of front plate: 3 mm aluminium
	Finishing colour: grey
	Dimensions (HxWxD): 318 x 398 mm
	• Marking: CE
10-351	Front plate and flush-mounting box for modular external unit.
10 001	
	• Dimensions front plate: 200 x 200 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 180 x 180 x 50 mm (HxWxD)
	• Thickness of front plate: 3 mm aluminium
	Finishing colour: Brushed steel
	Protection degree: IP44
	Marking: CE
10-352	Front plate and flush-mounting box for modular external unit.
	• Dimensions front plate: 320 x 200 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 300 x 180 x 50 mm (HxWxD)
	• Thickness of front plate: 3 mm aluminium
	• Finishing colour: Brushed steel
	• Marking: CE
10-353	Front plate and flush-mounting box for modular external unit.
	• Dimensions front plate: 440 x 200 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 420 x 180 x 50 mm (HxWxD)
	• Thickness of front plate: 3 mm aluminium
	Finishing colour: Brushed steel
	• Marking: CE
10-354	Front plate and flush-mounting box for modular external unit.
	• Dimensions front plate: 560 x 200 x 3 mm (HxWxD)
	• Dimensions flush-mounting box: 540 x 180 x 50 mm (HxWxD)
	• Thickness of front plate: 3 mm aluminium
	• Finishing colour: Brushed steel
	• Marking: CE



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Article number	Specifications Text	
10-355	Front plate and flush-mounting box for modular external unit.	
	• Dimensions front plate: 680 x 200 x 3 mm (HxWxD)	
	• Dimensions flush-mounting box: 660 x 180 x 50 mm (HxWxD)	
	Thickness of front plate: 3 mm aluminium	
	Finishing colour: Brushed steel	
	Marking: CE	
10-356	Front plate and flush-mounting box for modular external unit.	
	· · · · · · · · · · · · · · · · · · ·	
	• Dimensions front plate: 800 x 200 x 3 mm (HxWxD)	
	• Dimensions flush-mounting box: 780 x 180 x 50 mm (HxWxD)	
	Thickness of front plate: 3 mm aluminium	
	• Finishing colour: Brushed steel	
	Marking: CE	
10-357	Front plate and flush-mounting box for modular external unit.	
10-337		
	• Dimensions front plate: 320 x 320 x 3 mm (HxWxD)	
	Dimensions flush-mounting box: 300 x 300 x 50 mm (HxWxD)	
	Thickness of front plate: 3 mm aluminium Finishing colour: Brushed steel	
	· · · · · · · · · · · · · · · · · · ·	
10.200	Marking: CE	
10-360	• dimensions: 105 x 105 x 27 mm (HxWxD)	
	• finishing colour: black anodised aluminium	
	• ambient temperature: -25°C to +55°C	
	• protection degree: IP44	
	• vandal proof: yes	
	• input current in standby: I(a) = 0.2 mA, I(P) = 4 mA	
	• max input current: I(Pmax) = 13.5 mA	
	• wire technique: 3-wired	
	• marking: CE	
	hands-free conversation (standard)	
	full duplex conversation possible for internal units with receiver	
	• visual feedback for visitor (colour pictographs)	
	error detection and indication	
	integrated twilight switch	
	• extra clamps: yes (e.g. for connecting door opener)	
	removable EEPROM memory	
	configurable with Niko Configuration SW for access control	
10-361	• dimensions: 125 x 105 x 42 mm (HxWxD)	
	finishing colour: black anodised aluminium and acrylic glass	
	• ambient temperature: -10°C to +50°C	
	• protection degree: IP44	
	• vandal proof: yes	
	• input current in standby: I(a) = 0 mA, I(P) = 60 mA	
	• max input current: I(Pmax) = 60 mA	
	• wire technique: 6-wired	
	• marking: CE	
	• camera with BLC, AGC and AWB	
	• image sensor: 0.8 cm (1/3") DPS	
	resolution: 700 horizontal TV lines	
	• aperture: F1.2	
	• focal length: 3.6 mm	
	• light sensitivity: 0.002 lux	
	• picture angle: 90° diagonally (adjustable 60° horizontally/vertically)	
	configurable with Niko Configuration SW for access control	



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Article number	Specifications Text
10-362	• dimensions: 105 x 105 x 22 mm (HxWxD)
	finishing colour: black anodised aluminium and plastic
	• ambient temperature: -25°C to +55°C
	• protection degree: IP44
	vandal proof: yes
	• input current in standby: I(a) = 0.11 mA, I(P) = 7.8 mA
	• max input current: I(Pmax) = 86 mA
	wire technique: 3-wired
	• marking: CE
	• fully graphic, monochrome display of 160 x 104 pixels
	• white backlight
	data memory: up to 256 residents
	start screen individually programmable
	direct dialling possible (in combination with 10-850)
	visual error indication
	removable EEPROM memory
	configurable with Niko configuration software for access control
10-363	• dimensions: 105 x 105 x 43 mm (HxWxD)
10-303	finishing colour: black anodised aluminium
	ambient temperature: -25°C to +55°C
	• protection degree: IP44
	• vandal proof: yes
	• input current in standby: I(a) = 0.2 mA, I(P) = 4 mA
	• max input current: I(Pmax) = 17 mA
	• wire technique: 6-wired
	• marking: CE
	• up to 20 access codes can be programmed
	door opening function with potential-free relay contact
	visual and acoustic feedback after code is entered
	LEDs for status indication
	configurable with Niko Configuration SW for access control
10-364	• dimensions: 105 x 105 x 26 mm (HxWxD)
	finishing colour: black plastic
	• ambient temperature: -10°C to +50°C
	protection degree: IP44
	vandal proof: yes
	• input current in standby: I(a) = 0.1 mA, I(P) = 11 mA
	• max input current: I(Pmax) = 25 mA
	power supply voltage: +24V ±8% (18-28V in stand-alone)
	• wire technique: 2- or 3-wired
	• marking: CE
	• up to 250 transponder keys or cards can be programmed
	MIFARE Classic® 1K / 4K technology
	door opening function with potential-free relay contact
	visual and acoustic feedback after code is entered
	Visual and acoustic reedback after code is entered LEDs for status indication
	password protection against unauthorized configuration appfigurable with Niles Configuration SW for access control
10.205	configurable with Niko Configuration SW for access control
10-365	dimensions: 105 x 105 x 26 mm (HxWxD)
	finishing colour: black plastic with acrylic glass
	backlight with white LEDs
	• ambient temperature: -25°C to +55°C
	• protection degree: IP44
	• vandal proof: yes
	• input current in standby: I(a) = 0.2 mA, I(P) = 4 mA
	wire technique: 3-wired
	• marking: CE
10-366	• dimensions: 105 x 105 x 43 mm (HxWxD)
	• finishing colour: black plastic with acrylic glass



Article number	Specifications Text
10-386	Modular external video unit for flush-mounting with 4 modules: dome camera, audio, display and code lock.
	• front plate dimensions: 560 x 200 x 3 mm (HxWxD)
	flush-mounting frame dimensions: 540 x 180 x 50 mm (HxWxD)
	finishing colour: brushed steel; modules made of black aluminium
	protection degree: IP44
	• ambient temperature: -10°C to +50°C
	• vandal proof: yes
	• input current in standby: I(a) = 0.4 mA, I(P) = 140 mA
	• max input current: I(Pmax) = 245 mA
	wire technique: 6-wired
	• marking: CE
	• suitable for projects with up to 256 housing units
	• colour camera with 90° picture angle (adjustable); 700 TVL
	• fully graphic, monochrome display of 160 x 104 pixels
	hands-free conversation (standard); full duplex conversation possible
	• visual feedback for visitor (colour pictographs)
	start screen individually programmable
	direct dialling possible (in combination with 10-850)
	• extra clamps: yes (e.g. for connecting door opener)
	removable EEPROM memory
	configurable with Niko Configuration SW for access control
	Marking: CE
10-404	Surface-mounting external unit 20 mm with 4 bells in two rows and colour camera.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	• resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	• video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: $I(a) = 2.8 \text{ mA}$, $I(P) = 200 \text{ mA}$ in standby
	• Maximum input current: I(Pmax) = 240 mA
	• Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C Finishing colours grov
	Finishing colour: grey Dimensions (HvWvD): 166 x 125 mm
	Dimensions (HxWxD): 166 x 135 mm
	Marking: CE



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Article number	Specifications Text
10-406	Surface-mounting external unit 20 mm with 6 bells in two rows and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	• video output: 1 Vpp, symmetrical
	 diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	 extra terminal for the local control of a 24 V DC contact.
	 adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: $I(a) = 2.8 \text{ mA}$, $I(P) = 200 \text{ mA}$ in standby
	• Maximum input current: I(Pmax) = 240 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: grey
	Dimensions (HxWxD): 185 x 135 mm
	Marking: CE
10-408	Surface-mounting external unit 20 mm with 8 bells in two rows and colour camera.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	• resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	 diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	 extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 2.8 mA, I(P) = 200 mA in standby
	• Maximum input current: I(Pmax) = 240 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Finishing colour: grey
	• Dimensions (HxWxD): 204 x 135 mm
	Marking: CE



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Article number	Specifications Text
10-410	Surface-mounting external unit 20 mm with 10 bells in two rows and colour camera.
	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	• resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	Ight sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• extra terminal for the local control of a 24 V DC contact.
	adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: $I(a) = 2.8 \text{ mA}$, $I(P) = 200 \text{ mA}$ in standby
	Maximum input current: I(Pmax) = 240 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Finishing colour: grey
	Dimensions (HxWxD): 223 x 135 mm
	Marking: CE
10-412	Surface-mounting external unit 20 mm with 12 bells in two rows and colour camera.
10 412	each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	 long-life energy-saving name plate lighting 5 mm thick, indestructible and vandal proof name place in Plexiglass
	 internal memory for the exchange of data between identical external units (EEPROM)
	• Internal memory for the exchange of data between identical external diffic (EEFKOW)
	• Dimensions name field: 15 x 39 mm (HxW)
	 Microphone: volume and microphone sensitivity can be adjusted manually Features of colour camera:
	type: CMOS sensor recolution: 380 horizontal TV lines
	• resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	Ight sensitivity: 0 lux with IR, 1 lux without IR
	• video output: 1 Vpp, symmetrical
	diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	• adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 2.8 mA, I(P) = 200 mA in standby
	Maximum input current: I(Pmax) = 240 mA
	Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Finishing colour: grey
	 Finishing colour: grey Dimensions (HxWxD): 242 x 135 mm Marking: CE



Article number	IIIUminating ideas
Article number	Specifications Text
10-416	Surface-mounting external unit 20 mm with 16 bells in two rows and colour camera.
	• each non-programmed push button can operate the light, light symbol supplied
	• 2 internal units can be linked to each push button bell
	Acknowledgement tone when pressing the bell button
	material push buttons: metal with gilded, maintenance-free contacts
	Iong-life energy-saving name plate lighting
	• 5 mm thick, indestructible and vandal proof name place in Plexiglass
	• internal memory for the exchange of data between identical external units (EEPROM)
	• Dimensions name field: 15 x 39 mm (HxW)
	Microphone: volume and microphone sensitivity can be adjusted manually
	Features of colour camera:
	• type: CMOS sensor
	resolution: 380 horizontal TV lines
	• focal length: 2.0 mm (F=2.5)
	• light sensitivity: 0 lux with IR, 1 lux without IR
	video output: 1 Vpp, symmetrical
	• diagonal coverage angle: 130°.
	Wiring technique: 6-wire technology required
	• • extra terminal for the local control of a 24 V DC contact.
	adjustable time settings such as the door opener time, the activation time and the conversation time.
	• Input current at rest: I(a) = 2.8 mA, I(P) = 200 mA in standby
	• Maximum input current: I(Pmax) = 240 mA
	• Minimum ambient temperature: -20 °C
	• Maximum ambient temperature: +50 °C
	Finishing colour: grey
	• Dimensions (HxWxD): 280 x 135 mm
	Marking: CE
10-505	Compact intercom for surface-mounting, white. The compact intercom is part of a door communication system with an
10 000	external unit and a power supply. This intercom allows you to communicate with people calling at the door. The device is
	suitable for surface mounting and can be fitted directly onto the wall or onto a flush-mounting box. The housing is made
	from antistatic and recyclable plastic.
	The device is equipped with keys to open the door, to switch the lighting on and off and to (de)activate the ring signal.
	There are three different calls possible: from the external unit, from the apartment door and from another internal unit.
	A different ring tone can be selected for each type of call. These ring tones can be modified. The intercom offers a
	selection of 13 different ring tones. Both the speech volume and the ring volume can be adjusted manually and
	independently using the volume control at the bottom of the device.
	The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A
	call is displayed via a green indication LED.
	On the inside, the device is fitted with a terminal strip with four screw terminals.
	A potential-free floor-bell push button can be connected to the terminal strip.
	One of the following functions can be assigned to the free programmable function key: emit a control function (default
	setting), an internal call, a ring-and-come-in function and a call forwarding to a another device.
	Wiring technique: 2- or 3-wire technology possible
	• Input current at rest: I(a) = 0.2 mA, I(P) = 1 mA in standby
	Maximum input current: I(Pmax) = 70 mA
	• Minimum ambient temperature: -5 °C
	• Maximum ambient temperature: +40 °C
	• Finishing colour: white
	Material upperframe: polycarbonate + ABS
	• Dimensions without receiver: 180 x 100 x 23 mm (HxWxD)



Article number	Specifications Text
10-512	Compact intercom for surface-mounting with extension, white. surface-mounting / table-mounting (using a stand for
	table mounting)
	2-way conversations
	housing made of anti-static and recyclable plastic
	blue door opener key with possibility to set a floor level door opening function
	• button to switch the lighting on/off
	• 1 control button: equipped with a control function / possibility to set a function of your choice: internal call, automatic
	 door opener, call diversion. 10 control buttons on the extension: equipped with control function / possibility to set a function of your choice:
	internal call, call from external unit, open door, call diversion, display of sensor status with binary input, variable control
	function (on / off)
	• a selection of 13 different ring tones
	acoustic and visual call differentiation between apartment door, front door and internal call
	acoustic call differentiation for 2 doors
	volume can be set manually
	visual display when the ringtone is switched off
	possibility for 1 parallel call
	visual display of a call (brief) via green LED
	busy line displayed in the case of an existing connection
	block listen in and automatic call termination
	audio and video internal units can be combined in one system.
	Wiring technique: 3-wire technology required
	 Input current at rest: I(a) = 0.5 mA, I(P) = 20 mA in standby
	Maximum input current: I(Pmax) = 90 mA
	• Minimum ambient temperature: 0 °C
	• Maximum ambient temperature: +40 °C
	• Finishing colour: white
	Material upperframe: ABS
10-568	The table-top support is made of black anodised aluminium. Adjustable up to an angle of 60° with the table top. A 3 m
10.571	network cable (grey) is provided. Dimensions: 94 x 148 x 112 mm (HxWxD).
10-571	Luxurious and compact, hands-free internal video unit with colour screen and menu function, surface-mounting. The
	internal video unit is part of door communication system comprising one external unit and a power supply. It can display an image of a visitor at the door and enables you to communicate with the visitor. It is equipped with a TFT colour display
	with a diagonal length of 8,5 cm. The device must be attached in a flush-mounting box using the mounting plate
	provided. Manually directed two-way conversation is possible in addition to hands-free conversation in 2 directions.
	The device is equipped with keys for opening the door, activating the camera image, switching on the lighting, activating
	the menu, opening a conversation and switching between speaking / listening (for a manually activated 2-way speech
	connection).
	There are four different calls possible: from the apartment door, from the main external unit, from an auxiliary external
	unit and a call originating from another internal unit.
	There is a different ring tone for each type of call. These ring tones can be modified. There are 13 ring tones from which
	to choose. Four specific bell push buttons can be assigned separate ring tones.
	The ring signal can be set manually. The ring signal can be deactivated using the designated key, which is indicated by an
	illuminating red indication LED. A call is displayed via a green indication LED.
	The device is equipped with a removable terminal strip and a jumper to configure the terminal resistor for the video
	signal. A potential-free floor-bell push button can be connected to the terminal strip.
	One of the following functions can be assigned to the freely programmable function key: the switching of the light
	contact (standard), the transmission of a control function, the programming of the device in parallel with another
	internal unit, the activation of the ring-and-come-in function or the set up of call diversion to another device.
	Wiring technique: 6-wire technology required
	• Input current at rest: I(a) = 0.1 mA, I(P) = 10 mA in standby
	• Maximum input current: I(Pmax) = 400 mA
	Minimum ambient temperature: 0 °C
	• Maximum ambient temperature: +40 °C
	Finishing colour: grey Matarial upportrame: anoticed aluminium Linguesarhonate
1	 Material upperframe: anodised aluminium + polycarbonate



Article number	Specifications Text
10-572	Niko Access Control - Luxurious hands-free internal video unit with large 5.7" colour screen and menu function, surface-
	mounting. The internal video unit is part of door communication system comprising one external unit and a power
	supply. It can display an image of a visitor at the door and enables you to communicate with the visitor. The video unit is
	standard equipped to perform the following functions: open door, switch lights on and off, allow a conversation with a
	visitor, activate and deactivate the ring signal, activate the camera, produce a different tone for a call at an apartment
	door, main door or an internal call, adjust the volume and image, indicate a busy signal and call signal with LEDs. The
	controls consist of 7 function keys and a menu that can be navigated with 4 navigation keys. The functionality of one of
	the keys can be freely assigned. This programmable key can be set up to either transmit a control function for relay 10-
	831, make an internal call, switch the light on and off, set up a ring-and-enter function, or activate a call redirection
	command. The communication with the visitor is hands-free.
	Wiring technique: 6-wire technology required
	• Input current at rest: I(a) = 0.4 mA, I(P) = 33 mA in standby
	• Maximum input current: I(Pmax) = 240 mA
	• Minimum ambient temperature: +5 °C
	Maximum ambient temperature: +50 °C
	Finishing colour: black
	Material upperframe: anodised aluminium and acrylic glass
10-573	Niko Access Control - Luxurious hands-free internal video unit with large 5.7" colour screen and menu function, flush-
10 575	mounting. The internal video unit is part of door communication system comprising one external unit and a power
	supply. It can display an image of a visitor at the door and enables you to communicate with the visitor. The video unit is
	standard equipped to perform the following functions: open door, switch lights on and off, allow a conversation with a
	visitor, activate and deactivate the ring signal, activate the camera, produce a different tone for a call at an apartment
	door, main door or an internal call, adjust the volume and image, indicate a busy signal and call signal with LEDs. The
	controls consist of 7 function keys and a menu that can be navigated with 4 navigation keys. The functionality of one of
	the keys can be freely assigned. This programmable key can be set up to either transmit a control function for relay 10-
	831, make an internal call, switch the light on and off, set up a ring-and-enter function, or activate a call redirection
	command. The communication with the visitor is hands-free.
	Wiring technique: 6-wire technology required
	• Input current at rest: I(a) = 0.4 mA, I(P) = 33 mA in standby
	Maximum input current: I(Pmax) = 240 mA
	• Minimum ambient temperature: +5 °C
	• Maximum ambient temperature: +50 °C
	• Finishing colour: black
	Material upperframe: anodised aluminium and acrylic glass
10-575	Internal video unit for surface-mounting with colour screen and receiver. The internal video unit is part of door
	communication system comprising one external unit and a power supply. The TFT-colour screen with a diagonal screen
	size of 8.9 cm (3.5") relays the image of a visitor at the door. The receiver used to communicate with the visitor and the
	visitor is allowed entry by pushing using a button.
	The device can be attached directly to the wall or a flush-mounting box.
	There is a function key available with which you can either switch lights on or off, or activate the camera image, or emit
	control function to operate a contact.
	The ringtone can be switched on or off with a switch at the side of the device. The ringtone volume control can also be
	found there.
	The device is equipped with a removable terminal strip and a jumper to configure the terminal resistor for the video
	signal.
	A potential-free floor-bell push button can also be connected to the terminal strip.
	The device can also be programmed in parallel with another internal unit.
	Wiring technique: 6-wire technology required
	• Input current at rest: I(a) = 0.2 mA, I(P) = 4 mA in standby
	Maximum input current: I(Pmax) = 90 mA
	• Minimum ambient temperature: 0 °C
	• Maximum ambient temperature: +40 °C
	Finishing colour: white
	5
	 Protection degree: IP30 Material upperframe: plastic Dimensions without receiver: 250 x 100 x 28 mm (HxWxD)



Illuminating ideas.		
Article number	Specifications Text	
10-576	Compact programmable internal video unit for surface-mounting, with colour screen and comfort keys. Compact hands-free internal video unit for surface-mounting, with colour screen and comfort keys. The internal video unit is part of a door communication system comprising one external unit and a power supply. It can display an image of a visitor at the door and enables you to communicate with the visitor and let him in. It is equipped with a TFT colour display with a diagonal length of 8.9 cm. The device can be attached directly to the wall or mounted in a flush-mounting box. The communication occurs hands-free in two directions. The device has clear, intuitive comfort keys. It is equipped with keys to open the door, to switch on the lighting, to activate the menu, to open a conversation and to activate the camera image.	
	There are four different calls possible: from the apartment door, from the main external unit, from an auxiliary external unit and a call originating from another internal unit. There is a different ring tone for each type of call. These ring tones can be modified. There are 13 ring tones from which to choose.	
	The ring tone can be set via the Niko Configuration SW or the programming menu. The ring signal can be deactivated using the designated key, which is indicated by an illuminating red indication LED. A call is displayed via a green indication LED.	
	The device is equipped with a removable terminal strip and a jumper to configure the terminal resistor for the video signal. A potential-free floor-bell push button or extra camera can be connected to the terminal strip. The following functions are possible via the Niko Configuration SW or menu: the setting up and making of up to 10 internal calls, the transmission of three control functions to control contacts, an internal call, a ring-and-come-in function, the set up of call diversion to another device or displaying centrally sent information messages. There are five possible menu languages: English, French, Dutch, Slovak and German.	
	 dimensions: 186 x 101 x 20 mm (HxWxD) finishing colour: white (polycarbonate + ABS) ambient temperature: -5° to +40°C 	
	 protection degree: IP30 input current (in standby): 0.4 mA, I(P) = 13.5 mA max input current: I(Pmax) = 130 mA wire technique: C wired 	
	wire technique: 6-wired marking: CE	
	 TFT screen with 8.9 cm (3.5") diagonal screen size possibility of activating simplex conversation mode 	
	 block listen in and automatic call termination possibility to connect door opener and extra camera configurable with Nike Configuration SW for access control 	
10-801	configurable with Niko Configuration SW for access control Modular power supply for a system with maximum 20 internal units and 2 external units (door or video intercom system). installation example: for 1 x 10-220 and 20 x 10-501 or 20 x 10-511 for installations with lines of max 40 mA	
	 maximum line resistance: 20 Ohm door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equal to 6 Ohm) light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable 	
	 light switch time from 0.8s to 5min is manually adjustable cable and P terminal are protected against short-circuit control and indication of the working modes of the installation 	
	 Input voltage: 230 Vac ± 10 %, 50 Hz Output current, A terminal: I(a) = 40 mA Output current P terminal: I(P) = 60 mA 	
	 Minimum ambient temperature: 0 °C Maximum ambient temperature: +40 °C Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance with EN 55011. DIN dimensions: DIN 4TE 	
	Dimensions (HxWxD): 92.8 x 71.5 x 70.6 mm Marking: CE	



Article number Specifications Text 10-802 Power supply for a system with maximum 80 internal units and 4 external units (only door intercom sy example: for 1 x 10-2XX and 3 x 20 units 10-501 / 10-511 • for installations with 3 lines each of max 60 mA • maximum line resistance: 20 Ohm • door opening function with potential-free relay contact (N.O.: 24 V DC / 2 A) • light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) • door opener time of 0.8s to 8s is manually adjustable • light switch time from 0.8s to 5min is manually adjustable	stems). installation
 example: for 1 x 10-2XX and 3 x 20 units 10-501 / 10-511 for installations with 3 lines each of max 60 mA maximum line resistance: 20 Ohm door opening function with potential-free relay contact (N.O.: 24 V DC / 2 A) light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable light switch time from 0.8s to 5min is manually adjustable 	stems). Installation
 for installations with 3 lines each of max 60 mA maximum line resistance: 20 Ohm door opening function with potential-free relay contact (N.O.: 24 V DC / 2 A) light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable light switch time from 0.8s to 5min is manually adjustable 	
 maximum line resistance: 20 Ohm door opening function with potential-free relay contact (N.O.: 24 V DC / 2 A) light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable light switch time from 0.8s to 5min is manually adjustable 	
 door opening function with potential-free relay contact (N.O.: 24 V DC / 2 A) light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable light switch time from 0.8s to 5min is manually adjustable 	
 light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A) door opener time of 0.8s to 8s is manually adjustable light switch time from 0.8s to 5min is manually adjustable 	
 door opener time of 0.8s to 8s is manually adjustable light switch time from 0.8s to 5min is manually adjustable	
light switch time from 0.8s to 5min is manually adjustable	
 cable and P terminal are protected against short-circuit 	
control and indication of the working modes of the installation.	
• Input voltage: 230 Vac ± 10 %, 50 Hz	
• Output current, A terminal: I(a) = 3 x 60 mA	
Output current P terminal: I(P) = 100 mA	
Minimum ambient temperature: 0 °C	
• Maximum ambient temperature: +40 °C	
Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance w	ith EN 55011.
DIN dimensions: DIN 6TE	
Marking: CE	
10-803 • dimensions: 90 x 105 x 70 mm (HxWxD) (DIN 6U)	
 input voltage: 230 Vac ± 10% output voltage:+24 V ± 8% 	
• output current: $I(a) = 35 \text{ mA}$ (on the line); $I(P) = 60 \text{ mA}$	
 activation time for door opener: 3s (standard) 	
wire technique: 3-wired	
• marking: CE	
possibility to use 5 external unit connections in 1 installation	
• (5x4 slave installations)	
10-805-01 Modular DC voltage power supply for extensive videophone systems. • output current clamp 29: I(+) =	2.5 A
• (+)-terminal is protected against short-circuit	
connected power supply with high efficiency	
control and indication of the working modes of the installation	
• Input voltage: 230 Vac ± 10 %, 50 Hz	
Output voltage: 26 Vdc	
Minimum ambient temperature: 0 °C	
Maximum ambient temperature: +40 °C Sofety protections: ENAL in accordance with EN E0081 and EN E0082. As suppression in accordance with	:+b EN EE011
 Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance w DIN dimensions: DIN 8TE 	IUII EIN SSULL.
• Dimensions (HxWxD): 90 x 140 x 70 mm	
Marking: CE	
10-806-01 Modular power supply for a video installation with a maximum of 12 internal video units, 1 video splitt	er and 1 external
video unit (video intercom system). • for installations with lines of 60 mA	
• maximum line resistance: 20 Ohm	
• door opening function with integrated power supply: 12 V, 50/60 Hz / 2 A (door opener bigger / equ	al to 6 Ohm)
• light switching function with potential-free relay contact (N.O.: 24 V DC / 1 A)	
door opener time of 0.8s to 8s is manually adjustable	
Iight switch time from 0.8s to 5min is manually adjustable	
cable and P terminal are protected against short-circuit	
switched power supply with high efficiency	
 control and indication of the working modes of the installation. 	
• Input voltage: 230 Vac \pm 10 %, 50 Hz	
Output current, A terminal: I(a) = 60 mA	
 Output current P terminal: I(P) = 600 mA Minimum ambient temperature: 0 °C 	
 Minimum ambient temperature: +40 °C Maximum ambient temperature: +40 °C 	
 Safety protections: EMV in accordance with EN 50081 and EN 50082-2; suppression in accordance w 	ith FN 55011
• DIN dimensions: DIN 6TE	III EN 33011.
10-826 For the right choice between 1 of a maximum of 4 cameras	
- connection of max. 16 10-826 possible (1 of 64 cameras) - input current: I(a) = 0.1 mA, I(Pmax) = 20 n	nA
- 6-wire technique required	
- external unit addresses: 01, 02, 03, 04 for the first four video inputs, rest has not been assigned / adju	ustable manually
or via the service unit	,
- permitted ambient temperature: +5 °C to +40 °C	
- suitable for mounting on DIN rail, 6E, DIN EN 60715	
- dimensions: H 90 x W 105 x D 70 mm (6E)	



Article number	Specifications Text
10-831	Output for switching functions and input for control functions – input requires the connection of a potential-free switc – potential-free relay contact (changeover contact: 230V, 50/60Hz / 2A) - switching time: default 1s / manually adjustable - activation of output contact via function key with O-symbol on internal unit or via control function 8 - whe
	the input contact closes, control function 8 with serial number 8000 is placed on the bus and the output contact closes for the set time – 3-wire technique required – input current (binary input): 2.5mA - input current (3-wire): - I(a) = 0.4m I(P) = 1.4mA without load – maximum input current: I(Pmax) = 30mA - permissible ambient temperature: 0 to 40°C -
	suitable for DIN rail mounting, 1E, DIN EN 50022 - dimensions: H 85 x W 65 x D 18 (1E)
10-845	• dimensions: 90 x 105 x 70 mm (HxWxD) (DIN 6U)
	 power supply voltage: +24 V ± 8 % input current in standby: I(a) = 0.1 mA, I(P) = 106 mA
	• max input current: $I(Pmax) = 141 \text{ mA}$
	• input / output impedance: 100 Ω balanced
	• output level video signal: between -11 dB and +5 dB; 0.28-1.82 Vss
	• marking: CE
	• image resolution: 720x576 pixels
	storage of up to 64 images / housing unit
	 encryption of images for privacy password protection against unauthorized configuration
	• up to 32 housing units/central screen memory
	possibility to install multiple central screen memories
10.050	configurable with Niko Configuration SW for access control
10-850	interface for connecting external and internal units to a telecommunications network (worldwide): - connection via a regular a/b telephone connection of an analogue or ISDN telephone exchange
	- input requires connection of a potential-free switch
	- input for activating line setting / separate number memory
	- 64 call numbers of maximum 16 digits can be stored - the keys of a normal (mobile) phone can be used to switch the door relay or light and to emit control functions
	- the keys of a normal (mobile) priorie can be used to switch the door relay of light and to emit control functions - speaking with 3 external units via a normal telephone
	- internal call to maximum 3 internal units via a normal telephone
	- activation of maximum 10 actuators via a normal telephone
	- day/night switch - call diversion
	- potential-free relay contact (changeover contact: 24 Vdc/1 A)
	- relay switching time: 10 s (key-adjustable)
	- max. 4 interfaces 10-850 can be connected to the NACS bus
	- three-wire technology required - maximum input current: 50 mA dc
	- input voltage: 26 Vdc / power supply alternatively via 10-819
	- allowed ambient temperature: 0 – 40°C
	- suitable for assembly on DIN rail, EN 50022
10-881-01	 - dimensions: 90 x 105 x 70 mm (HxWxD) (6U) Add-on module for door loudspeaker of max. 32 bell push-buttons/dwelling units – door loudspeaker is provided with
10-881-01	terminals for connection of 32 potential-free bell push-buttons - connection of max. 6 * (max. 208 housing units): can integrated behind front panel caps provided by the architect : to each bell push button provided by the architect, 2
	internal units can be assigned : several internal units can be assigned via the service set : confirmation tone when bell push button is pressed : the bell push button provided by the architect can also be used to switch the light :
	interchangeable memory for exchanging data between similar external units : 3-wire technique : input current: I(a) =
	1.0mA when off : allowed ambient temperature: -20 to 50°C - dimensions: H 80 x W 104 x D 35mm
10.005	
10-905	dimensions: 153 x 104 x 16 mm (HxWxD) finishing colour: anodised aluminium
10-905	 dimensions: 153 x 104 x 16 mm (HxWxD) finishing colour: anodised aluminium mounting: surface-mounting
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA wire technique: 2- or 3-wired
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA wire technique: 2- or 3-wired marking: CE up to 250 transponder keys or cards can be programmed
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA wire technique: 2- or 3-wired marking: CE up to 250 transponder keys or cards can be programmed MIFARE Classic® 1K / 4K technology
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA wire technique: 2- or 3-wired marking: CE up to 250 transponder keys or cards can be programmed MIFARE Classic® 1K / 4K technology door opening function with potential-free relay contact
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA wire technique: 2- or 3-wired marking: CE up to 250 transponder keys or cards can be programmed MIFARE Classic® 1K / 4K technology
10-905	 finishing colour: anodised aluminium mounting: surface-mounting ambient temperature: -25°C to +55°C protection degree: IP44 vandal proof: yes power supply voltage: +24V ±8% (18-28V in stand-alone) input current (in standby): 0 mA, I(P) = 17 mA max input current: I(Pmax) = 40 mA wire technique: 2- or 3-wired marking: CE up to 250 transponder keys or cards can be programmed MIFARE Classic® 1K / 4K technology door opening function with potential-free relay contact visual and acoustic feedback after code is entered



Article number	Specifications Text
510-01001	Video kit, 2-wire, with controller and external unit, for surface-mounting, 1 bell button.
	Marking: CE
510-01501	Video kit, 2-wire, with controller, external and internal unit, for surface-mounting, 1 bell button.
	Marking: CE
510-21400	• Input voltage: 230 Vac ± 10 %, 50 Hz
	Wiring technique: 2-wire
	• Wire capacity (L, N): 0,75 – 1,5 mm ²
	• Wire capacity: $0,25 - 1,5 \text{ mm}^2$
	Maximum number of external video units: 2
	Maximum number of internal video units: 5
	Maximum number of door locks: 2
	Mounting method: DIN rail
	• Ambient temperature: 0 °C – +40 °C
	• Colour: white
	• Dimensions (HxWxD): 65,9 x 143,7 x 90 mm (8 TE)
	Protection degree: IP20 solution: AMCOLE
	cabling: 2 wire, AWG24 to AWG15
	 door lock powered: 12 V ac – 1 A door lock relay: 24 V – 1 A
	• chime relay: 24 V – 1 A
510-31001	Compact 2-wire external video unit.
510-51001	• camera resolution: 2 MP
	• IR range: 3 m
	maximum number of door locks: 2
	• door lock powered 12 V ac $- 1 A$
	• door lock relay : 24 V – 1 A
	Microphone: volume and microphone sensitivity can be adjusted manually
	• Minimum ambient temperature: -20 °C
	Maximum ambient temperature: +50 °C
	• Finishing colour: black
	Protection degree: IP54
	• Dimensions (HxWxD): 181.4 x 109.4 x 31.1 mm
	Marking: CE
510-50000	Internal video unit 2-wire.
	• input voltage: 230 Vac
	• wiring: 2-wire
	• screen resolution: 1024 x 600
	• screen size: 7"
	Minimum ambient temperature: 0 °C
	Maximum ambient temperature: +40 °C
	• Finishing colour: black
	Protection degree: IP20
	Dimensions (HxWxD): 115.2 x 179 x 25.5 mm
510-81001	Replacement nameplate + removal tool, for 2-wire external video unit with 1 bell button.
	Marking: CE