External video unit for flush mounting with one, two or three columns of bell push buttons and colour camera

The ultraflat unit for flush mounting, which is completely finished with an aluminium front plate (3 mm thick), is equipped with a built-in colour camera, an adjustable microphone and loudspeaker and text fields for personalisation provided with vandal-proof plexiglas (5 mm thick). The maintenance-free, gold-plated push-button contacts guarantee a long lifespan. The flush-mounting box is supplied with this device (see technical information for the dimensions of the flush-mounting box).

niko

10-301

Flush-mounting external unit with 1 bell and colour camera

4 year warranty

This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 1 bell.

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
- 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: 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
- Thickness of front plate: 3 mm aluminium
- Finishing colour: grey
- Dimensions (HxWxD): 252 x 150 mm
- Marking: CE

10-302

Flush-mounting external unit with 2 bells and colour camera

This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 2 bells.

Flush-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
- 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: 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

This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 3 bells.

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
- 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: 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: 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
- Dimensions (HxWxD): 252 x 150 mm
- Marking: CE

10-304

Flush-mounting external unit with 4 bells and colour camera

This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 4 bells.

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
- 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: 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)
- 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

10-306

Flush-mounting external unit with 6 bells and colour camera

This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 6 bells.

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
- 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 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.
- 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

niko

10-308

Flush-mounting external unit with 8 bells and colour camera

This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 8 bells.

Flush-mounting external unit with 8 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: 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
- Dimensions (HxWxD): 340 x 150 mm
- Marking: CE

10-310

Flush-mounting external unit with 10 bells and colour camera
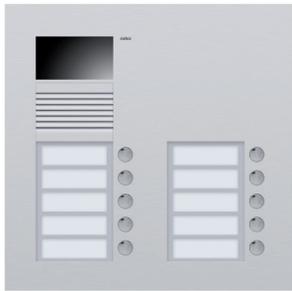
This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 10 bells.

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
- 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: 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)
- 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): 274 x 274 mm
- Marking: CE

10-312

Flush-mounting external unit with 12 bells and colour camera
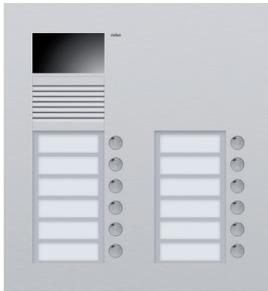
This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 12 bells.

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
- 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 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
- Marking: CE

10-314

Flush-mounting external unit with 14 bells and colour camera
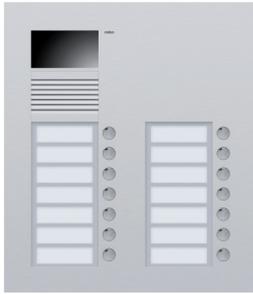
This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 14 bells.

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 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 colour: grey
- Dimensions (HxWxD): 318 x 274 mm
- Marking: CE

10-316

Flush-mounting external unit with 16 bells and colour camera
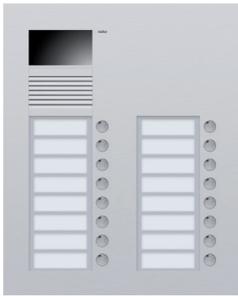
This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 16 bells.

Flush-mounting external unit with 16 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: 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)
- 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): 340 x 274 mm
- Marking: CE

10-318

Flush-mounting external unit with 18 bells and colour camera
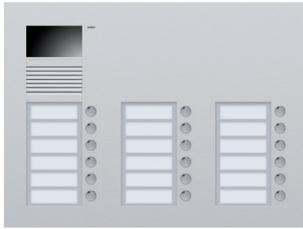
This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 18 bells.

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
- 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

10-321

Flush-mounting external unit with 21 bells and colour camera
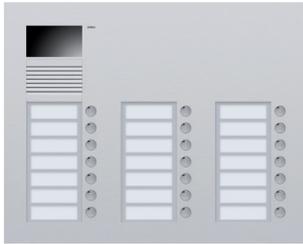
This ultra-flat flush-mounting unit is finished with 3 mm-thick aluminium. It is equipped with a colour camera. The external unit is equipped with a 5 mm-thick name plate in Plexiglas which is vandal proof. The metal-plated push-button contacts are maintenance-free and durable. The external unit includes the flush-mounting box. This external unit has 21 bells.

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
- 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 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)
- 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): 318 x 398 mm
- Marking: CE

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