basIP

USER MANUAL

AA-14FBIS



ENTRANCE PANEL



Main features

- **Panel type:** Multi-apartment.
- **Display:** 10.1'' IPS, color with backlight and heated.
- **Keyboard:** Touch screen.
- **Camera:** 1/3''.
- **Resolution:** 2 Mpx.
- **Camera angle:** 110° (horizontal).
- **Output video:** Full HD (1920 × 1080), H.264 Main Profile.
- **Night backlight:** 6 LEDs.
- **Light sensitivity:** 0,01 LuX.
- **Protection class:** IP65.
- **IK-Code:** IK06.
- **Output for connecting an external induction loop for the hearing impaired:** Low-frequency Audio signal 1.2V; 8.2 kOhm
- **Type of output for connecting an external induction loop:** Socket (female) TRS
- **Working temperature:** -40 — +65 °C.
- **Power consumption:** 17.8 W, in standby — 3.8 W.
- **Power supply:** +12 V DC and PoE IEEE802.3at.
- **Body:** Aluminum.
- **Colors:** Silver, Black.
- **Dimensions for installation:** 172 × 379 × 58 mm.
- **Size of the panel:** 180 × 400 × 45 mm.
- **Installation:** Flush, surface with BR-AA14 bracket.

The specifications and appearance of the device may differ from those stated or may be changed without prior notice.

ENTRANCE PANEL

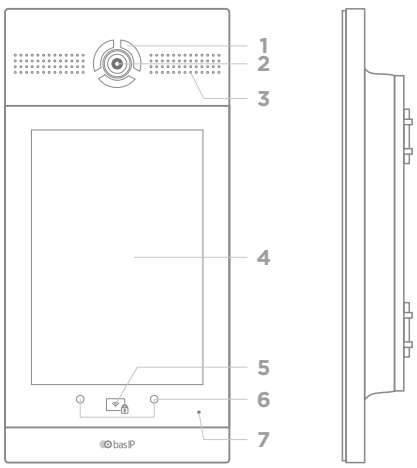
AA-14FBIS

Full User Manual

Device description

BAS-IP AA-14FBIS is a multifunctional intercom panel that combines advanced technologies with stylish design, ensuring both security and comfort.
Features such as a phone book, concierge and elevator call functions make the panel more user-friendly. The flexible system configuration allows for customization according to individual needs. The panel is equipped with an output for connection to an induction loop.

Appearance



1 - Backlight.
2 - Camera.
3 - Loudspeaker.
4 - 10.1'' Display.
5 - Reader.
6 - Proximity sensors.
7 - Microphone.

EAN: 5060514915448 (BLACK) EAN: 5060514915462 (SILVER)

Completeness check of the product

Before installation of the outdoor panel, it is necessary to check that it is complete and all components are available.

Outdoor panel kit includes:

Outdoor panel	1 pc
Flush mounting bracket	1 pc
Manual	1 pc
Set of wires with connectors for connection of power supply, lock, and additional modules	1 pc
Set of screws with a wrench	1 pc

Electrical connection

After verifying the device's completeness, you can switch to the outdoor panel connection.

For connection you will need:

- An Ethernet UTP CAT5 or higher cable connected to a PoE network switch or regular switch/router.

Cable length recommendations
The maximum length of the UTP CAT5 cable segment should not exceed 100 meters, according to the IEEE 802.3 standard.

- Power supply at +12 V, 2 amps or PoE switch with IEEE802.3at standard.

Electromagnetic lock connection
If AA-12FBI outdoor panel uses third party power supply and doesn't have UPS-BAS-IP then avoid using AA-12FBI internal relay for direct electromagnetic lock connection. In this case electromagnetic lock must be connected through the SH-42.2 - SH-42.8.

Diagram 1. Electromagnetic lock connection scheme
using uninterruptible power supply UPS-BAS-IP.

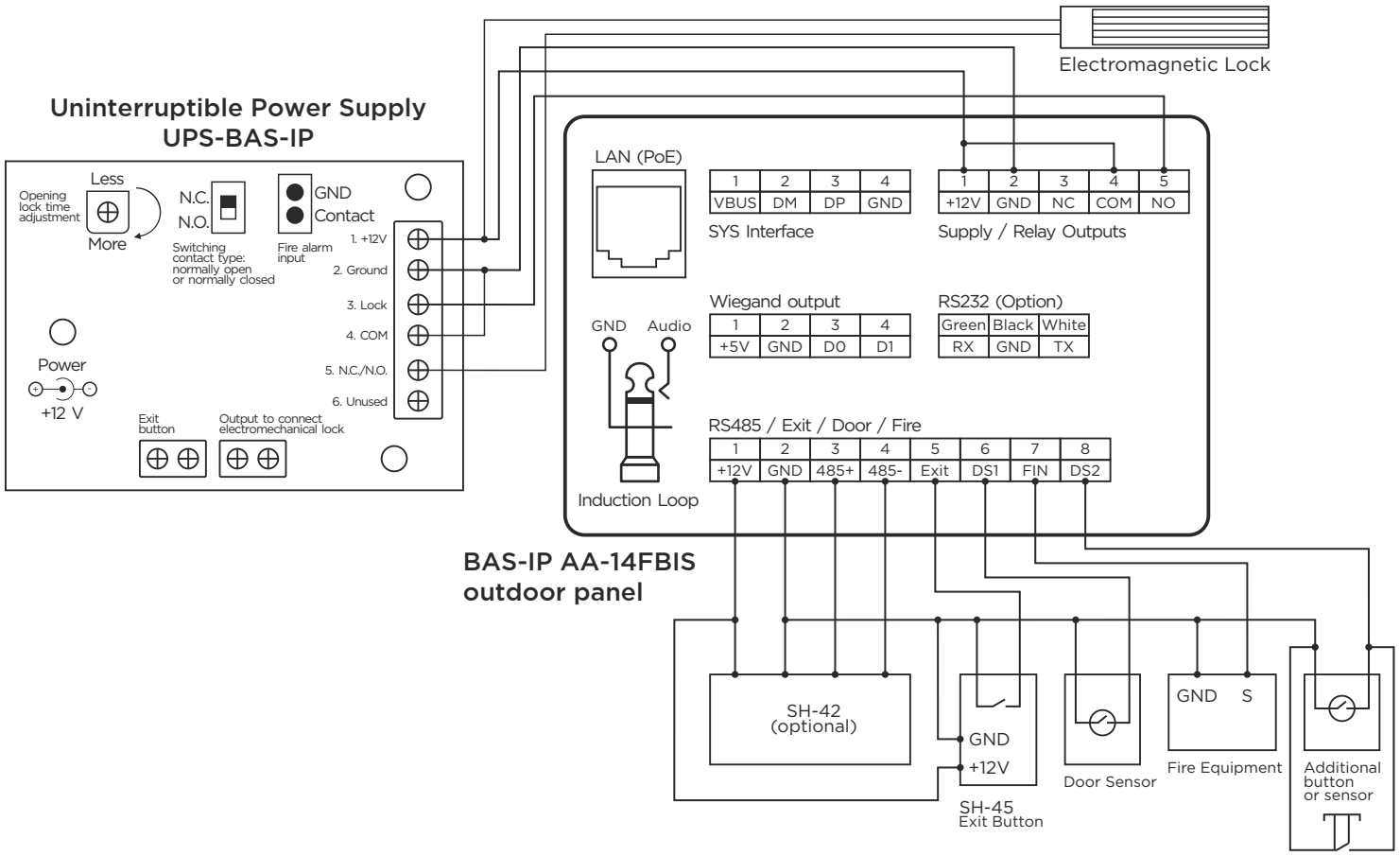


Diagram 2. Electromechanical lock connection scheme
using uninterruptible power supply UPS-BAS-IP.

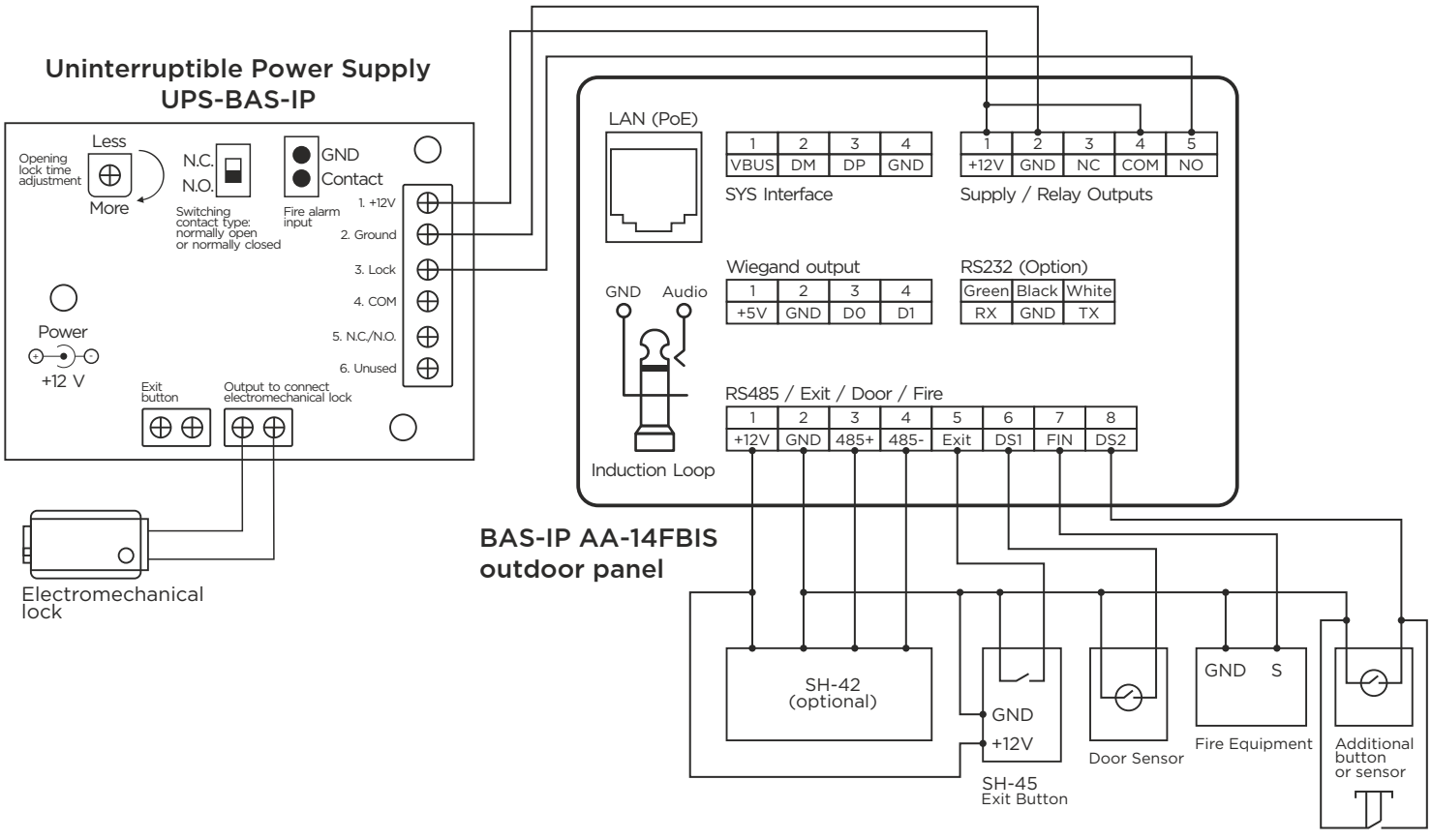


Diagram 3. Electromechanical lock connection scheme using third party power supply for the lock and PoE for the outdoor multi-appartment panel.

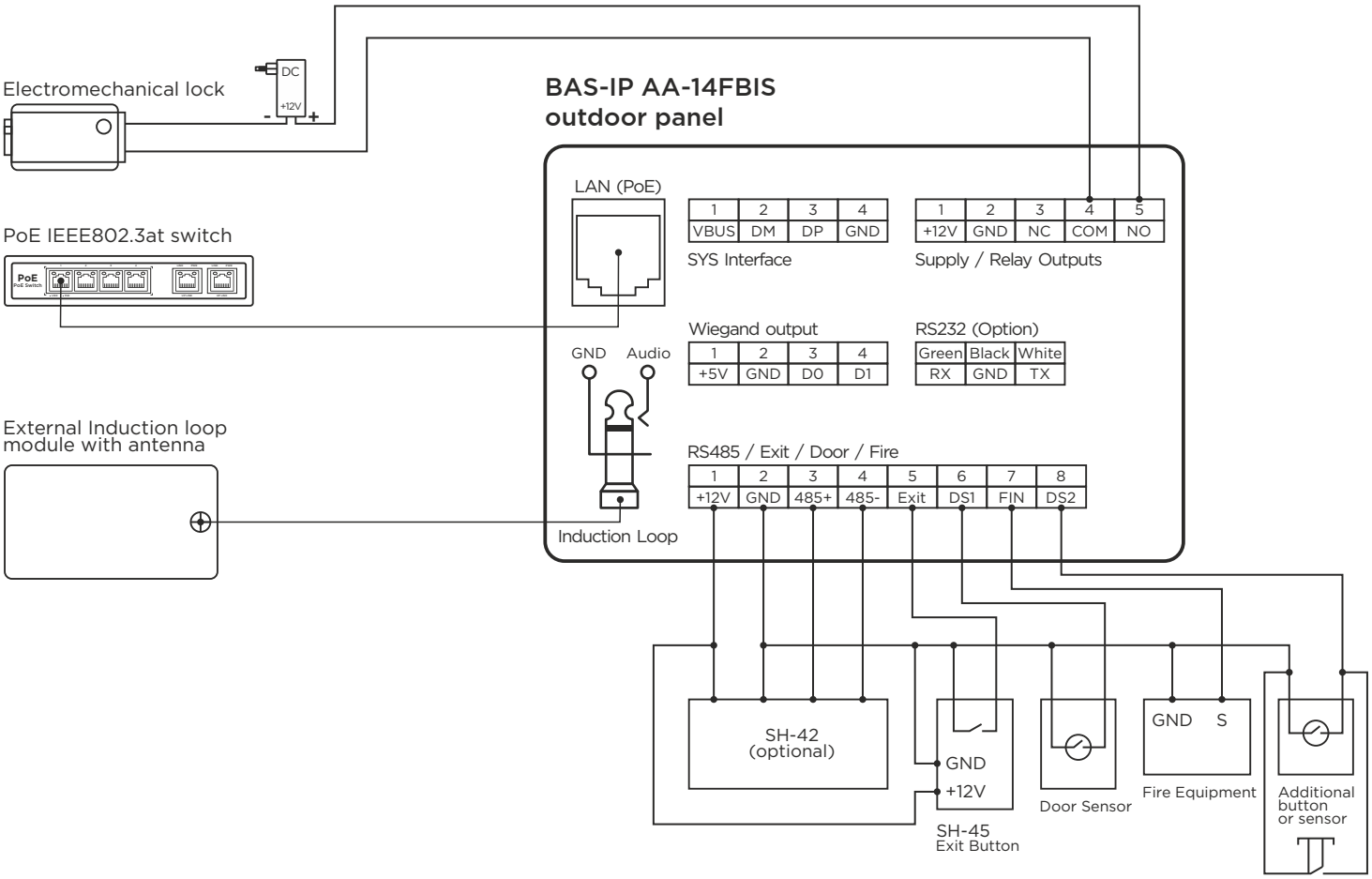


Diagram 4. Wiring diagram for SH-42.2 with two electromechanical locks, each powered by its own separate power supply.

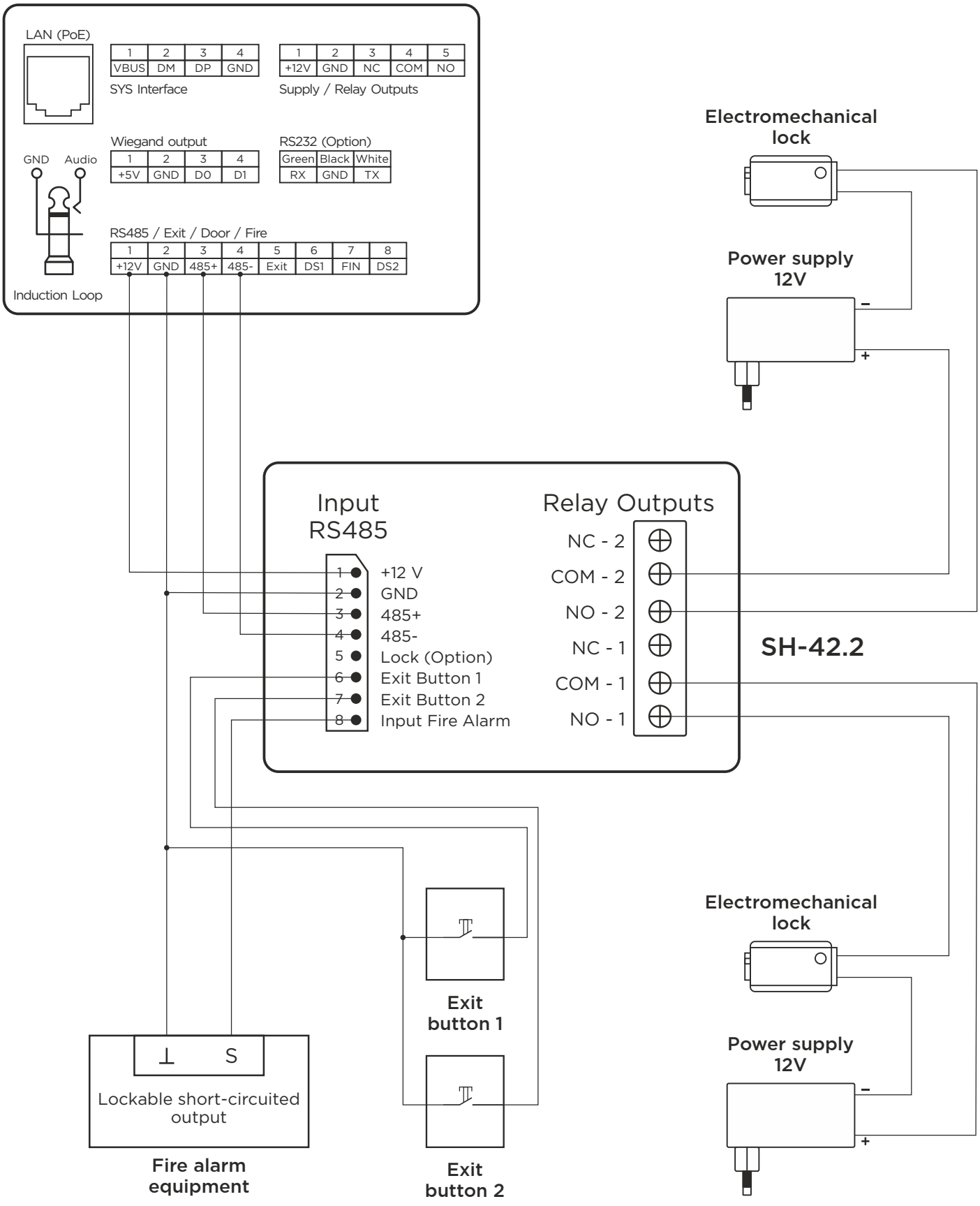


Diagram 5. Wiring diagram for SH-42.2 with two electromagnetic locks, each powered by its own separate power supply.

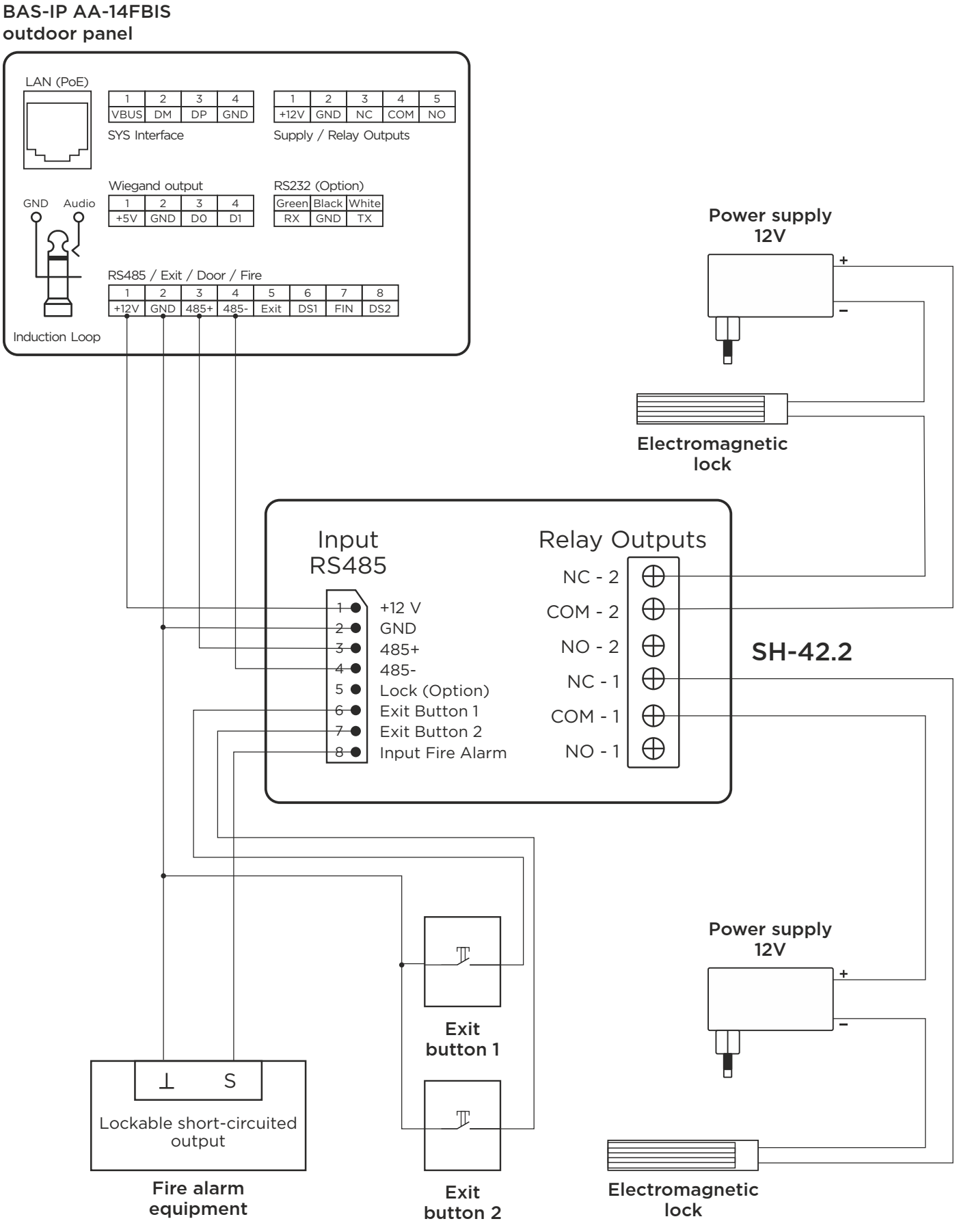


Diagram 6. Wiring diagram for SH-42.2 using the «Lock» input and an electromechanical lock powered by its own separate power supply.

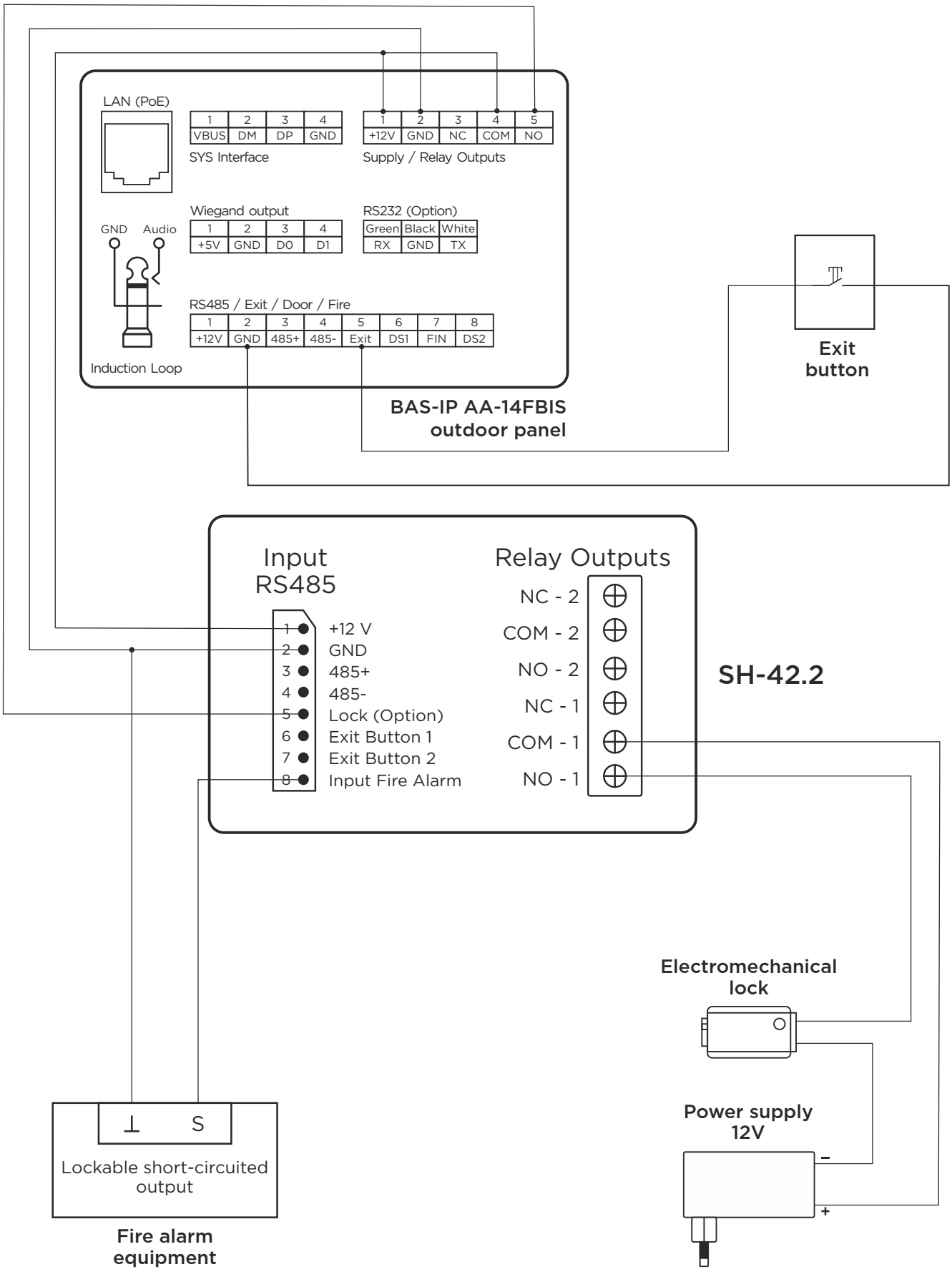
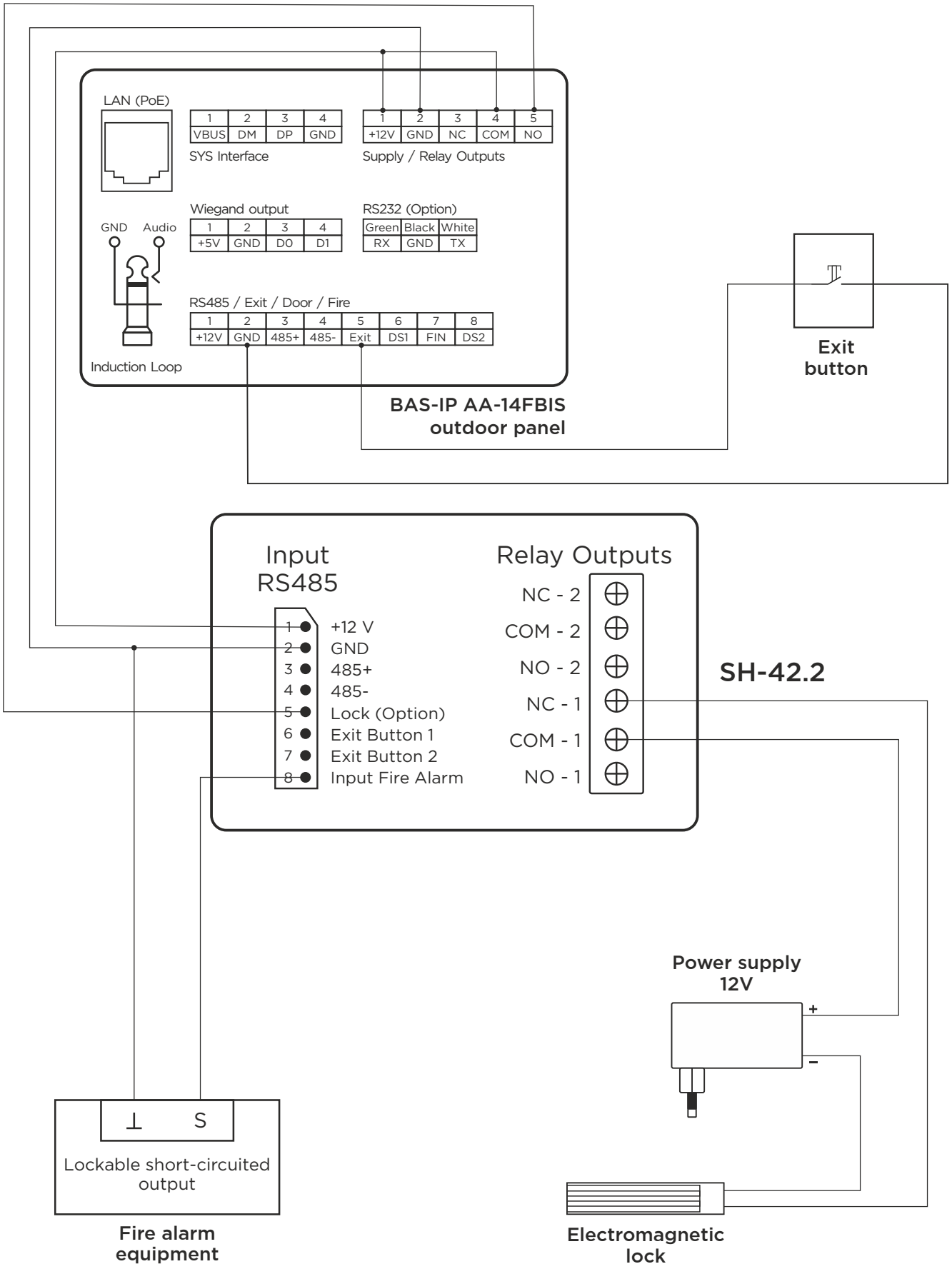
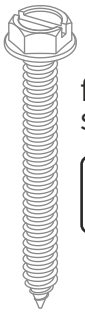


Diagram 7. Wiring diagram for SH-42.2 using the «Lock» input and an electromagnetic lock powered by its own separate power supply.



Flush installation process

1 Check the availability of all components required for installation, connection and fastening.



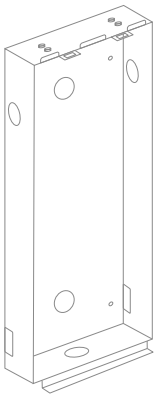
fastening screws

x4



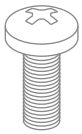
fastening anchor dowels

x4



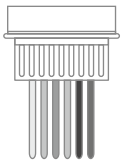
flush mounting bracket

x1



panel fastening bolts

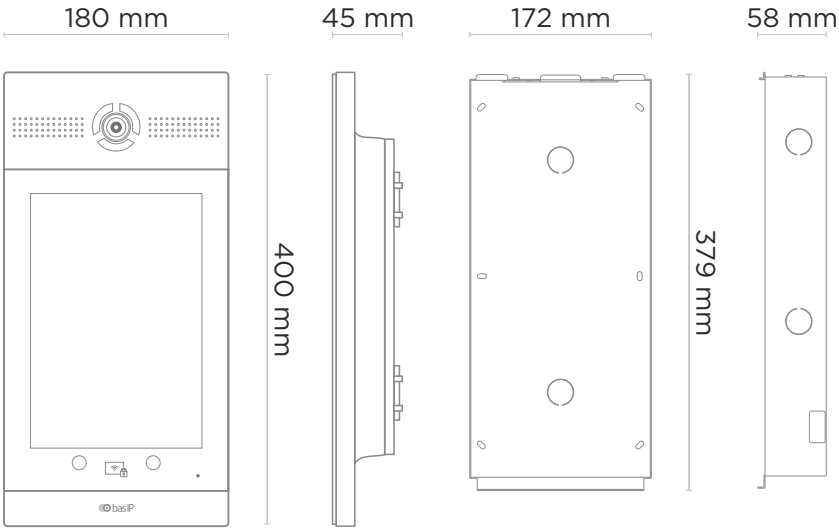
x4

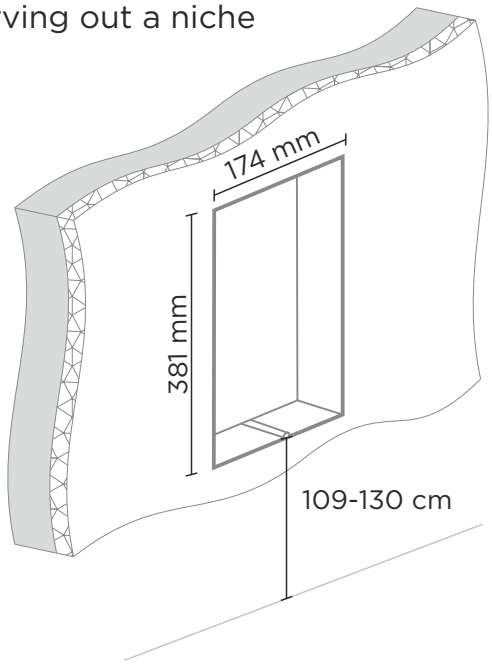


connection cords

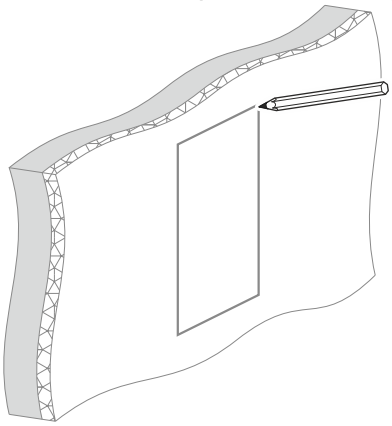
x3

2 Measure the bracket dimensions required for carving out a niche for further bracket mounting.

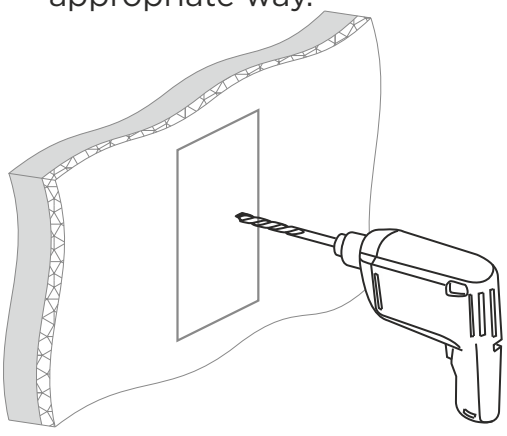




3 On the wall, draw a rectangle according to the dimensions done in the previous step.

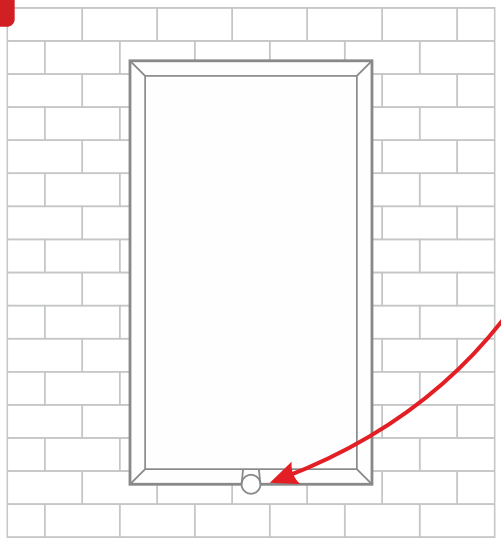


4 Make a niche in the wall by hollowing the wall or any other appropriate way.

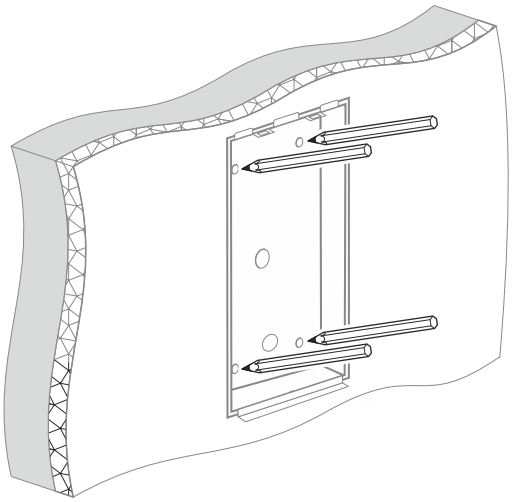


Attention: the hole at the bottom is designed to drain the water.
Do not intentionally close it. Also it is necessary to make a drain for water at the bottom of the niche which will serve to divert water out.

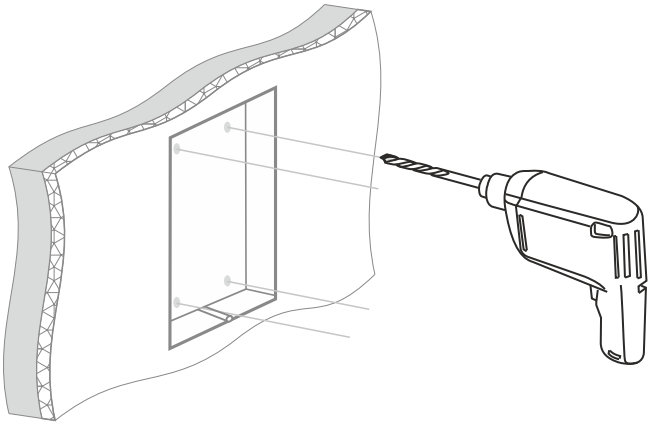
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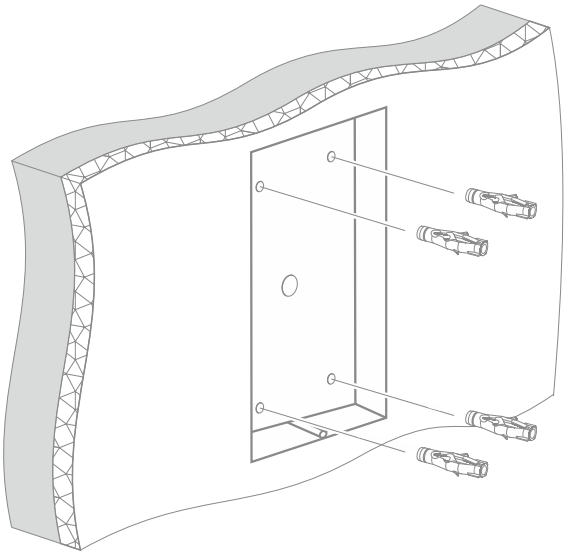
6 Place flush mount bracket in the niche and outline places for anchor dowels mount opposite the holes in the bracket.



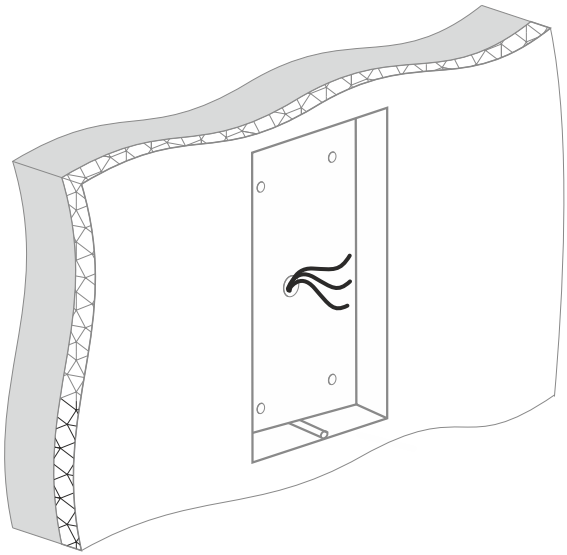
7 Remove the bracket and make holes in the outlined places with a perforator.



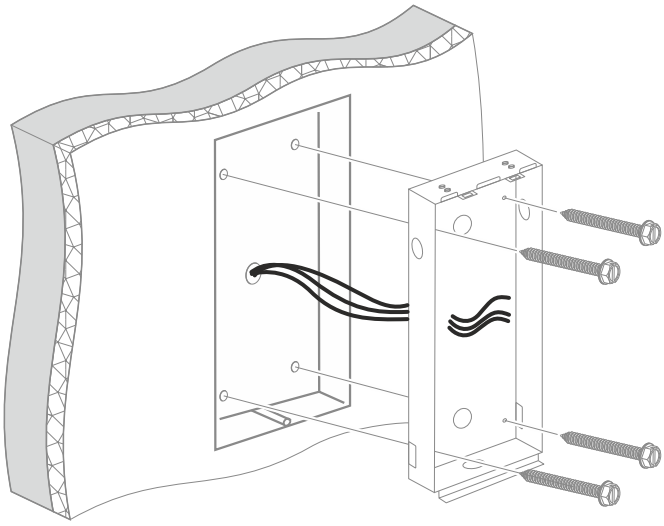
8 Hammer the anchor dowels into the resulting holes.



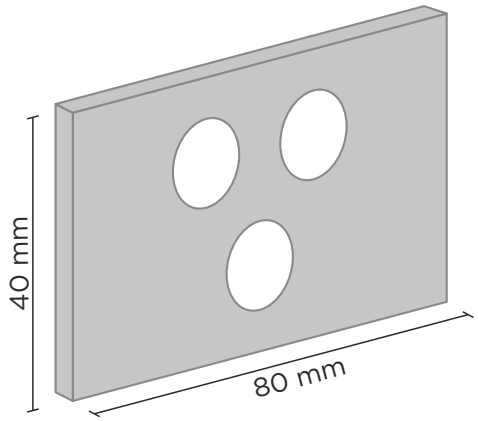
9 Wire all the necessary cables for panel connection and switching (for Ethernet, an exit button, a lock, panel power, a door sensor, a fire alarm, RS485, and Wiegand interfaces) into the niche.



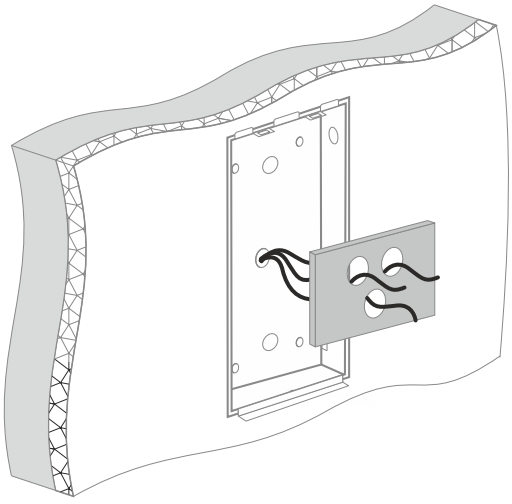
10 Place the flush mount bracket in the hollowed-out niche and fasten it with screws through the mounting holes.



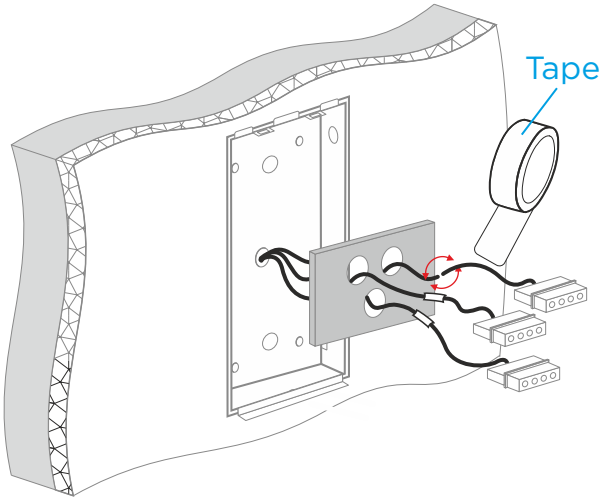
11 Cut out a rectangle of 80x40 mm from foamed polyurethane or rubber and make holes opposite the required outgoing connectors on the back side of the panel.



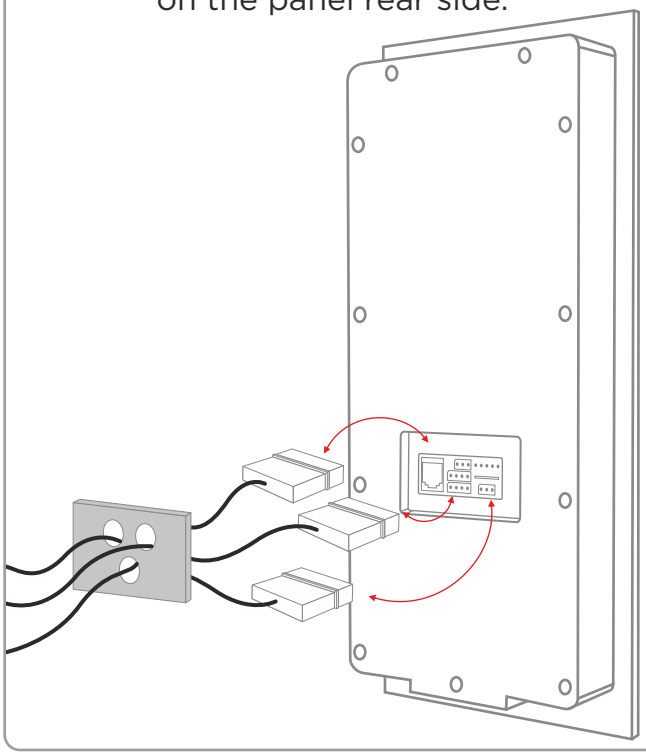
12 Pass all the protruding from the wall wires through the made earlier holes in the insulating rectangle.



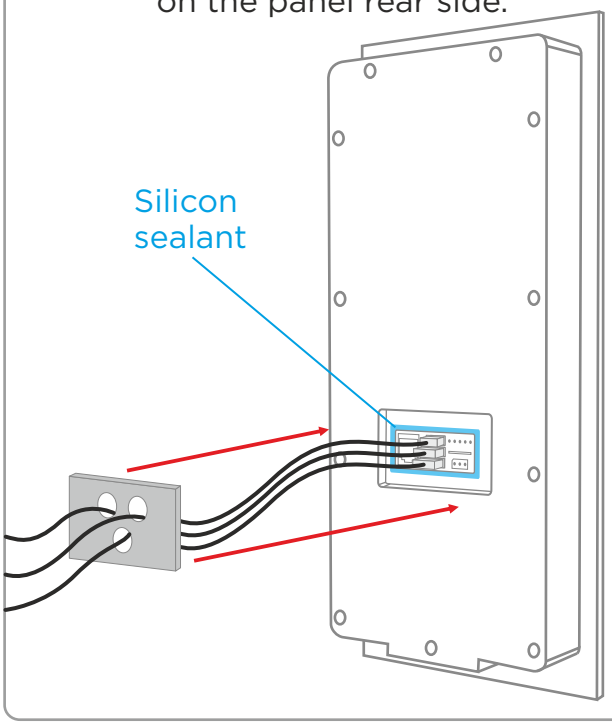
13 Switch and connect the protruding from the wall and passing through the insulating rectangle wires to the necessary connection cords from the panel kit.



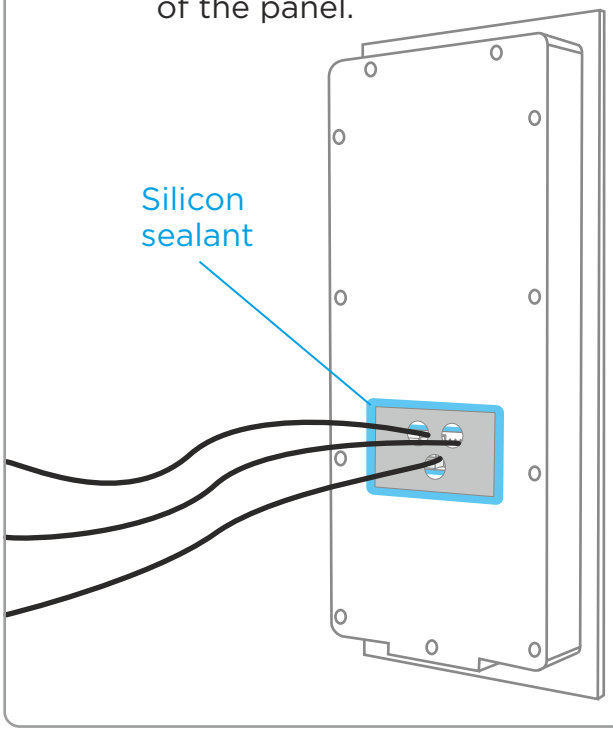
14 Join all the resulting connectors at the ends of the wires to their corresponding response parts on the panel rear side.



15 Apply a thin layer of silicone sealant along the perimeter of the niche with the connectors on the panel rear side and place the protective rectangle in a niche (where all connectors are) on the panel rear side.



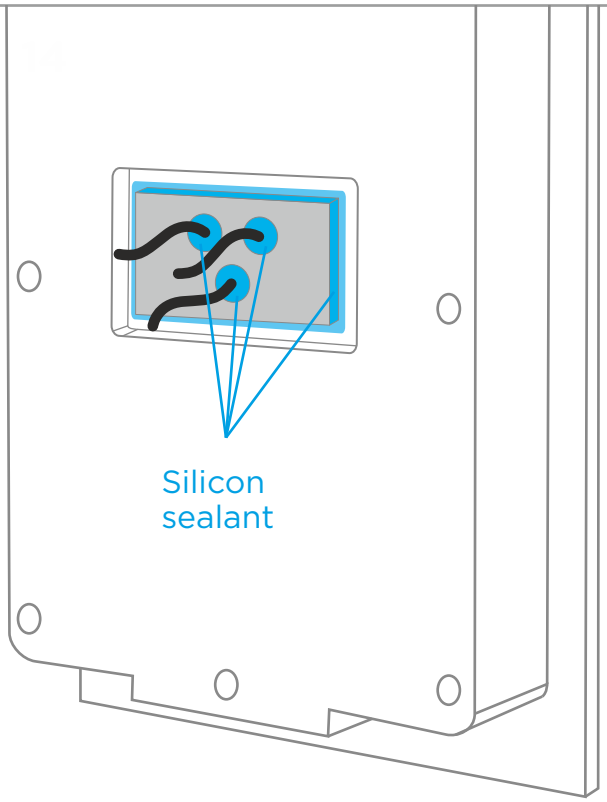
16 Apply a 3-4 mm layer of silicone sealant around the niche with the placed insulating rectangle, so that the sealant falls precisely on the joint of the rectangle and the back plastic cover of the panel.



17

Apply a 3-4 mm layer of silicone sealant around all wires coming out of the slots in the insulating rectangle.

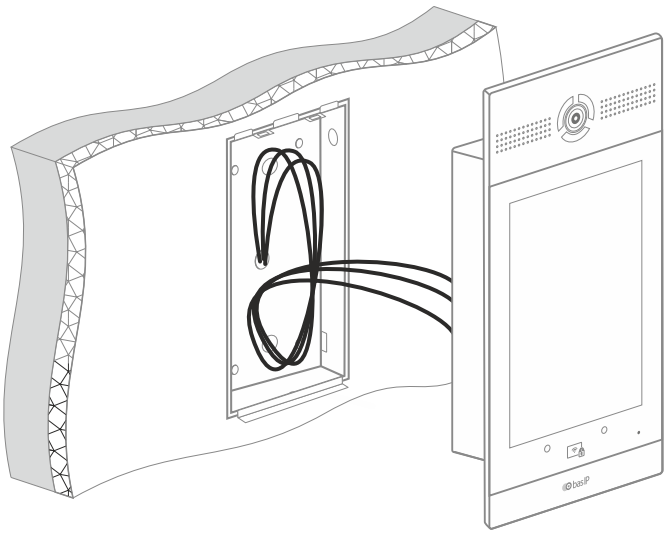
The sealant must be applied to the top of the joint between the wire and the insulating rectangle.



18

Put all connected to the panel wires on the bottom of the flush mount bracket.

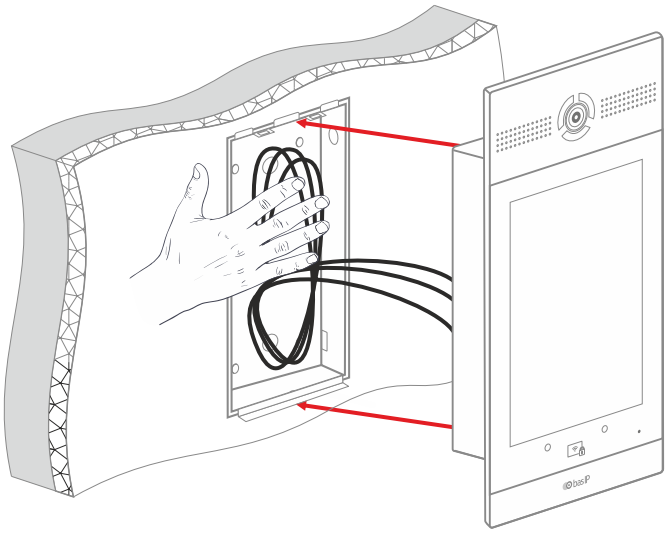
All the protruding from the wall and connected to the panel wires must be carefully bent in a semicircle in so that the upper part of the wiring bundle is higher than the hole for inserting cables from the wall into the inside of the bracket.



19

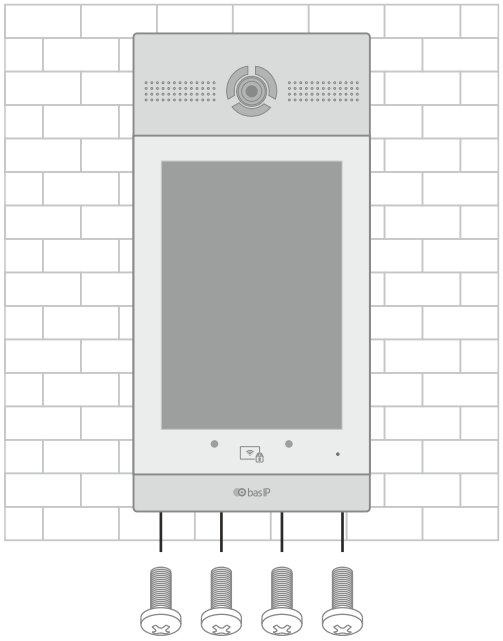
Install the entrance panel inside the flush mount bracket.

Important!
Hold the wiring bundle on the bottom of the bracket so that some wires do not fall on the sharp edges and are not pressed by the panel.



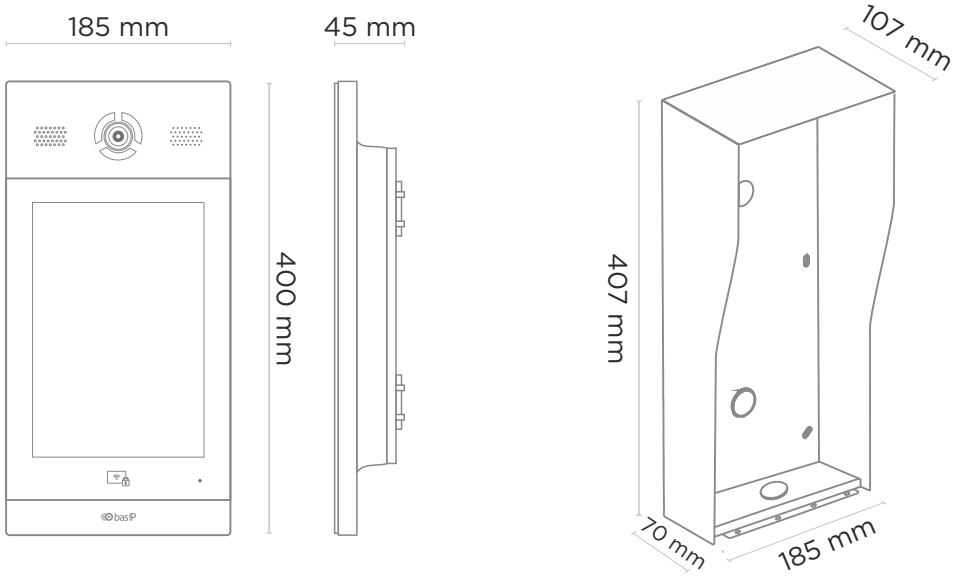
20

Fasten the entrance panel to the bracket with the fastening bolts from the kit.

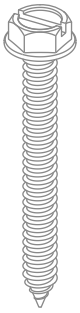


Surface installation process with BR-AA14 rain cover bracket (sold separately)

1 Measure the dimensions of the bracket needed to mark the location of the intended installation on the wall for further mounting.



2 Check the availability of all components required for installation, connection and fastening.



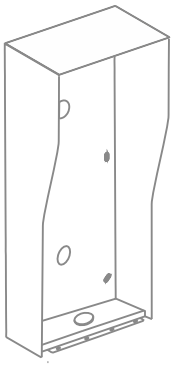
fastening screws

x4



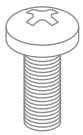
fastening anchor dowels

x4



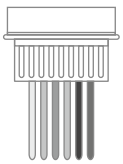
wall mount bracket BR-AA14

x1



panel fastening bolts

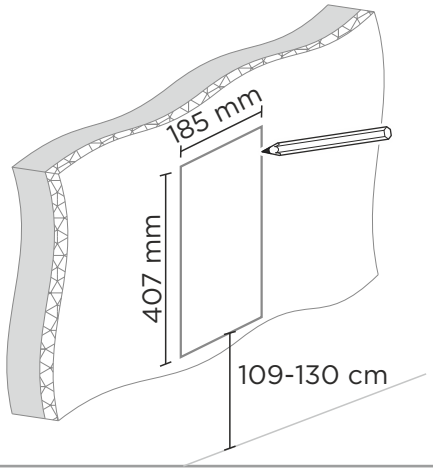
x4



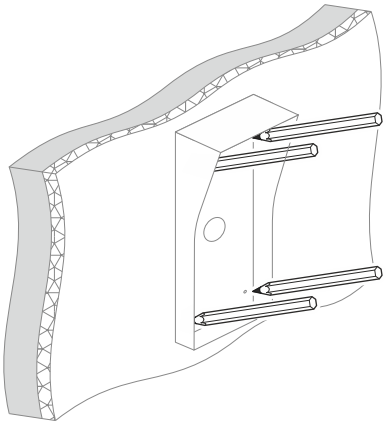
connection cords

x5

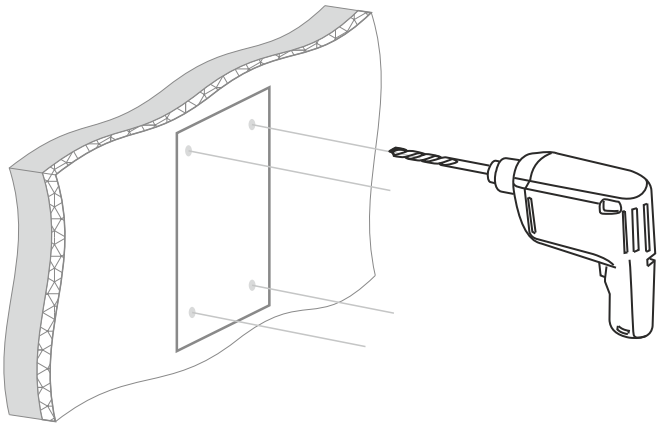
3 On the wall, draw a rectangle according to the dimensions done in the previous step.



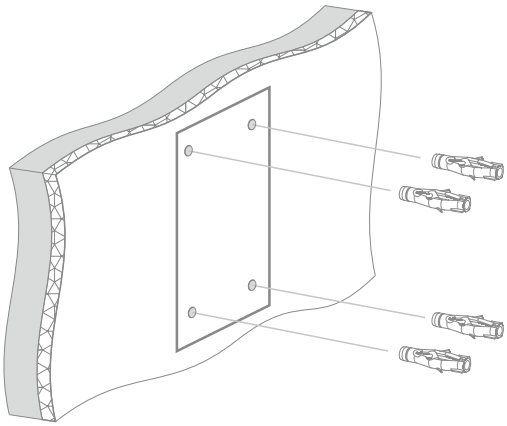
4 Place the wall mount bracket on the wall and outline places for anchor dowels mount opposite the holes in the bracket.



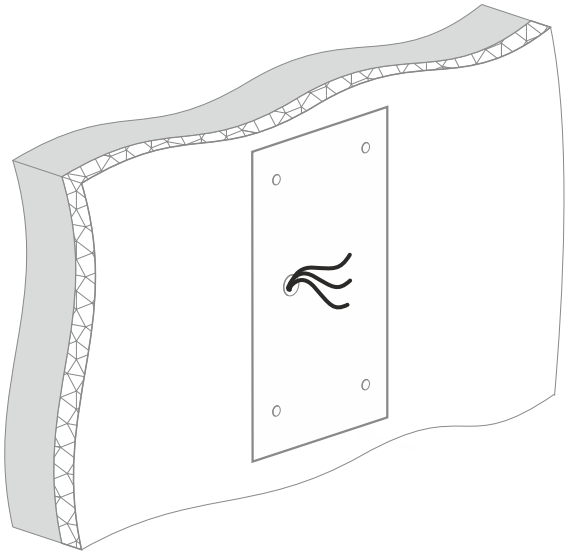
5 Put aside the bracket and make holes in the outlined places with a perforator.



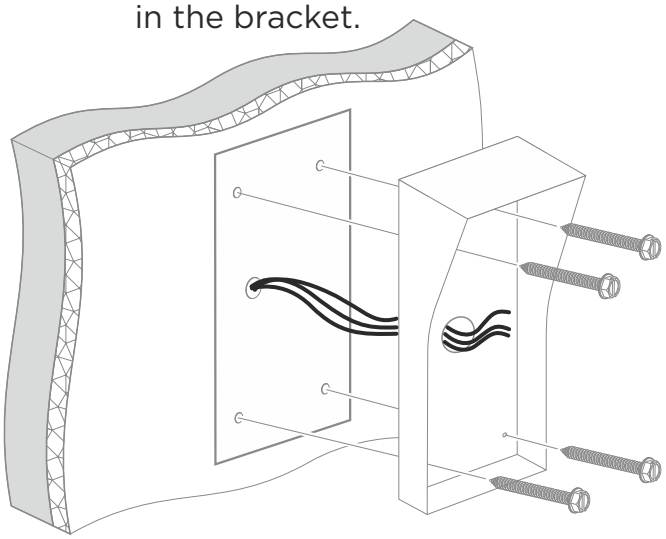
6 Hammer the anchor dowels into the resulting holes.



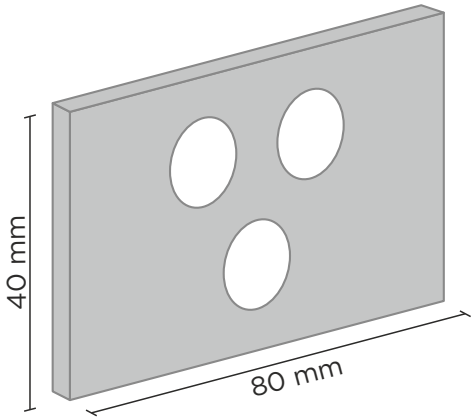
7 Wire all the necessary cables for panel connection and switching (for Ethernet, an exit button, a lock, panel power, a door sensor, a fire alarm, RS485, and Wiegand interfaces) out of the wall within the drawn rectangle.



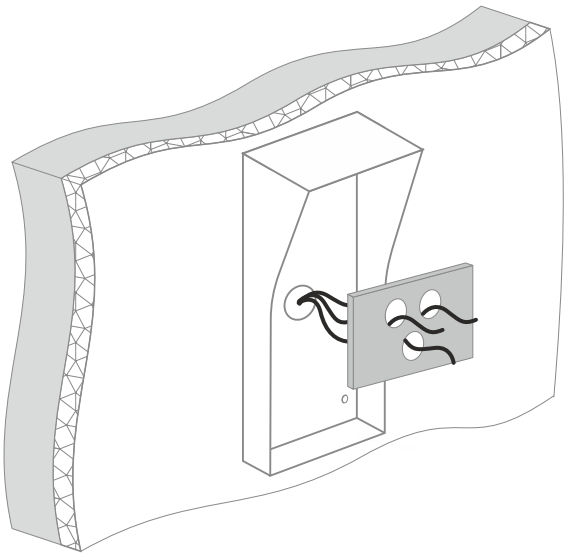
8 Place the wall mount bracket to the installation place on the wall and fasten it with screws through the mounting holes. At the same time, pass all the protruding from the wall wires through the corresponding hole in the bracket.



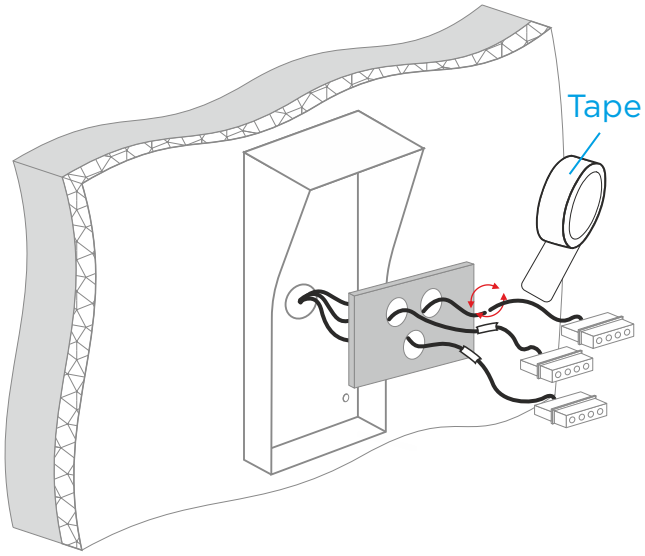
9 Cut out a rectangle of 80x40 mm from foamed polyurethane or rubber. In the rectangle, make holes opposite the required outgoing connectors on the panel rear side.



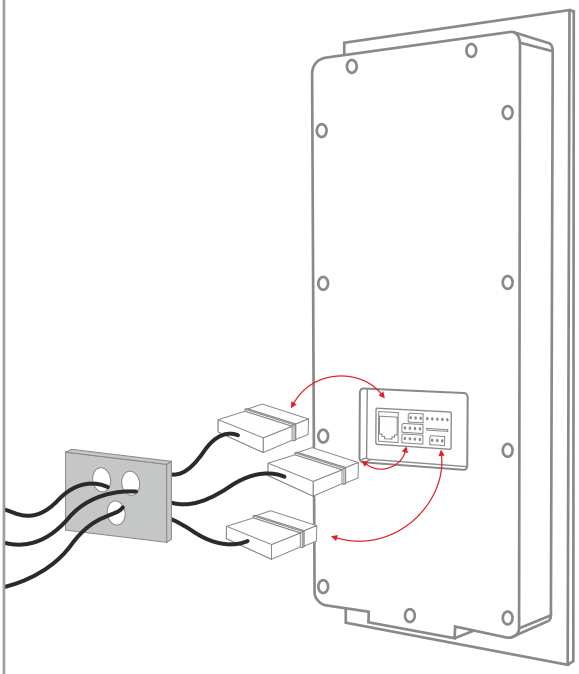
10 Pass all wires through the made earlier holes in the insulating rectangle.



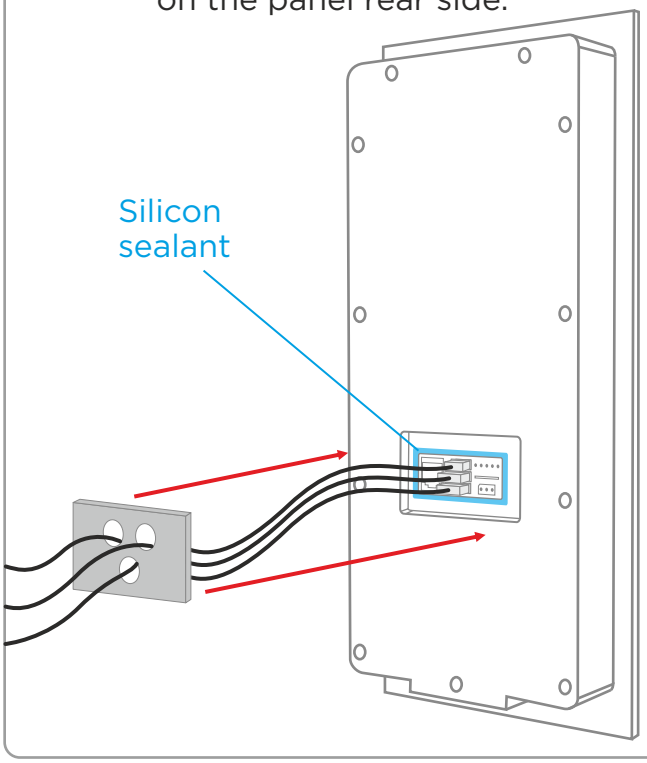
11 Switch and connect the protruding from the wall and passing through the insulating rectangle wires to the necessary connection cords from the panel kit.



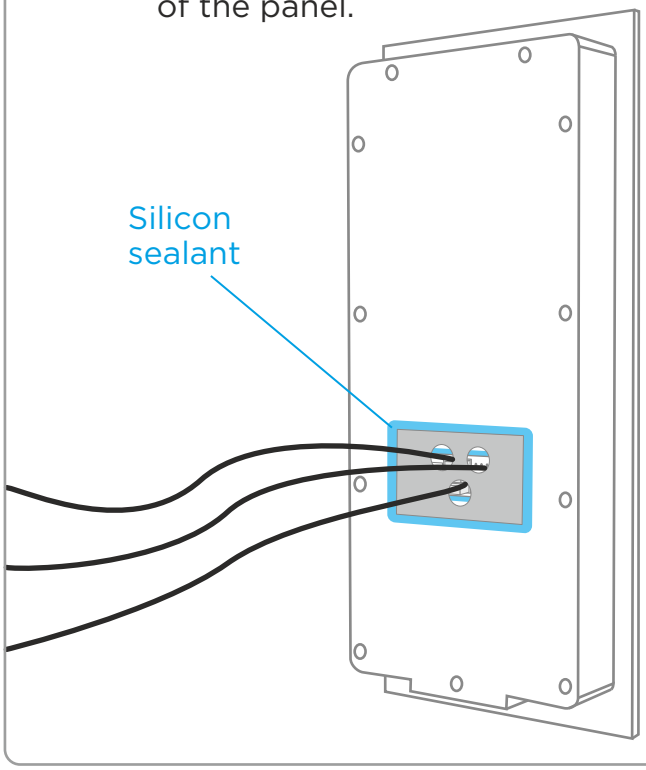
12 Join all the resulting connectors at the ends of the wires to their corresponding response parts on the panel rear side.



13 Apply a thin layer of silicone sealant along the perimeter of the niche with the connectors on the panel rear side and place the protective rectangle in a niche (where all connectors are) on the panel rear side.



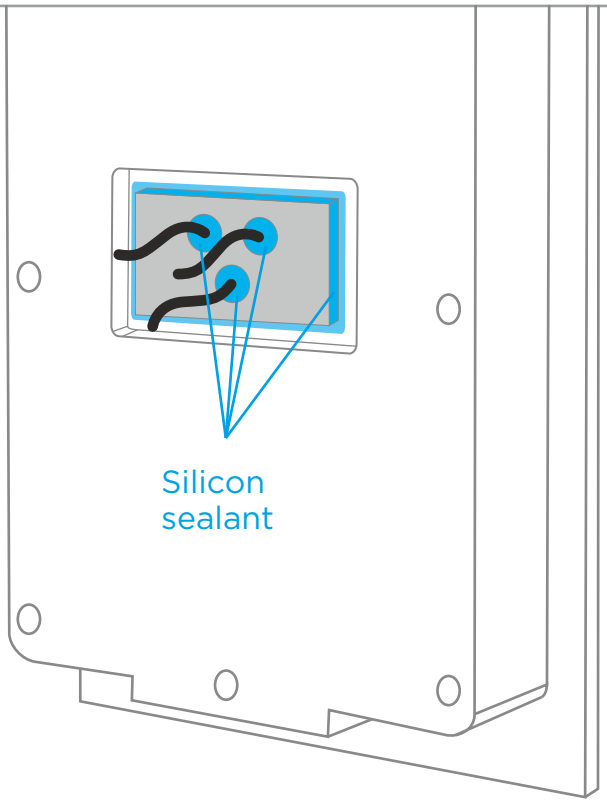
14 Apply a 3-4 mm layer of silicone sealant around the niche with the placed insulating rectangle, so that the sealant falls precisely on the joint of the rectangle and the back plastic cover of the panel.



15

Apply a 3-4 mm layer of silicone sealant around all wires coming out of the slots in the insulating rectangle.

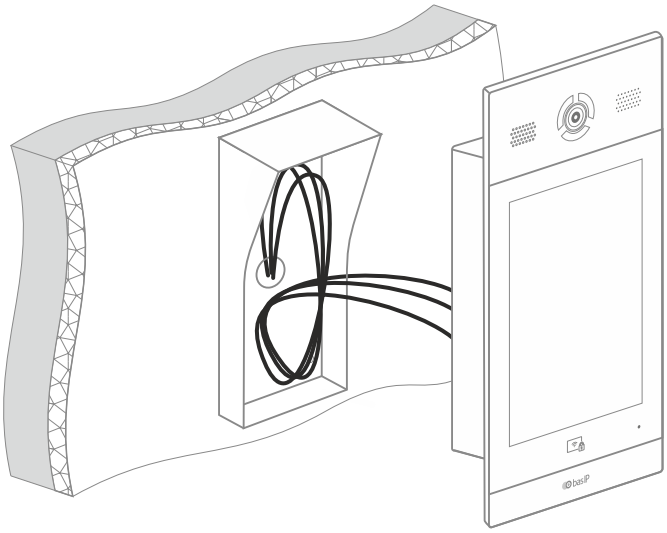
The sealant must be applied to the top of the joint between the wire and the insulating rectangle.



16

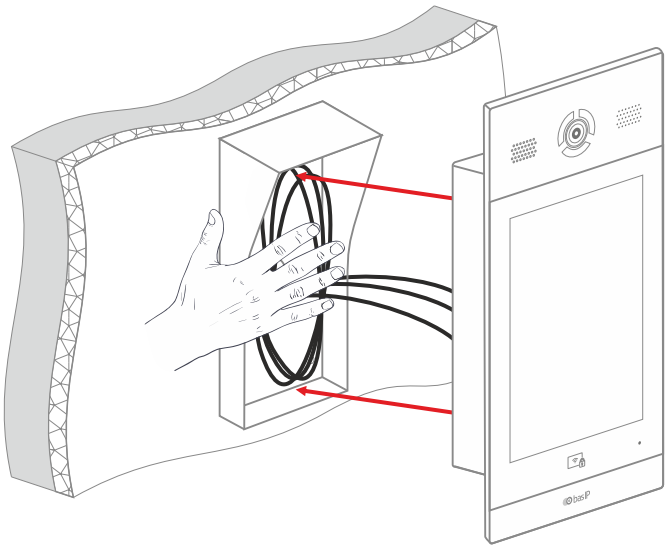
Put all connected to the panel wires on the bottom of the surface mount bracket.

All the protruding from the wall and connected to the panel wires must be carefully bent in a semicircle in so that the upper part of the wiring bundle is higher than the hole for inserting cables from the wall into the inside of the bracket.

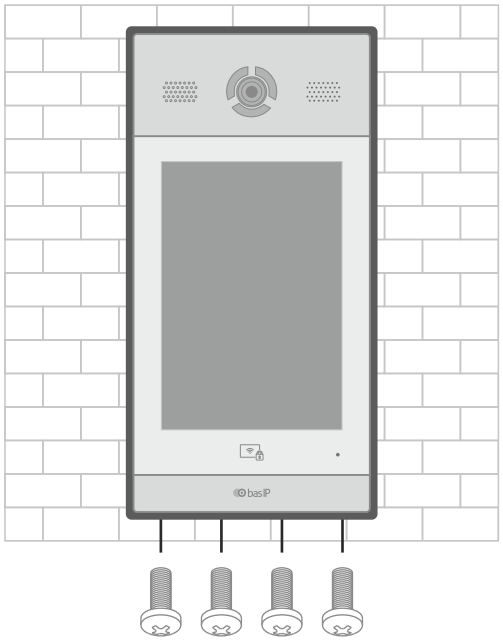


17 Install the entrance panel inside the surface mount bracket.

Important!
Hold the wiring bundle on the bottom of the bracket so that some wires do not fall on the sharp edges and are not pressed by the panel.



18 Fasten the entrance panel to the bracket with the fastening bolts from the kit.



Warranty

The warranty card number _____
Model name _____
Serial number _____
Seller name _____

With following stated terms of warranty is familiar, functional test was performed in my presence:

Customer signature _____

Warranty conditions

The warranty period of the product — 36 (thirty six) months from the date of sale.

- Transportation of product must be in its original packaging or supplied one by the seller.
- The product is accepted in warranty repair only with a properly filled warranty card and the presence of intact stickers or labels.
- The product is accepted for examination in accordance with the cases provided by law, only in the original packaging, in a full complete set, appearance corresponding to the new equipment and presence of all relevant properly filled documents.
- This warranty is in addition to the constitutional and other consumer rights and in no way restrict them.

Terms of warranty

- The warranty card must indicate the name of the model, serial number, purchase date, name of the seller, seller company stamp and the customer's signature.
- Delivery to the warranty repair is carried out by the buyer himself.
- Warranty repairs carried out only during the warranty period specified in the warranty card.
- The service center is committed to do everything possible to carry out the repair warranty products, up to 24 working days. The period spent on the restoration of product functionality is added to the warranty period.

Notes

Version 2.0 (2026-04)



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