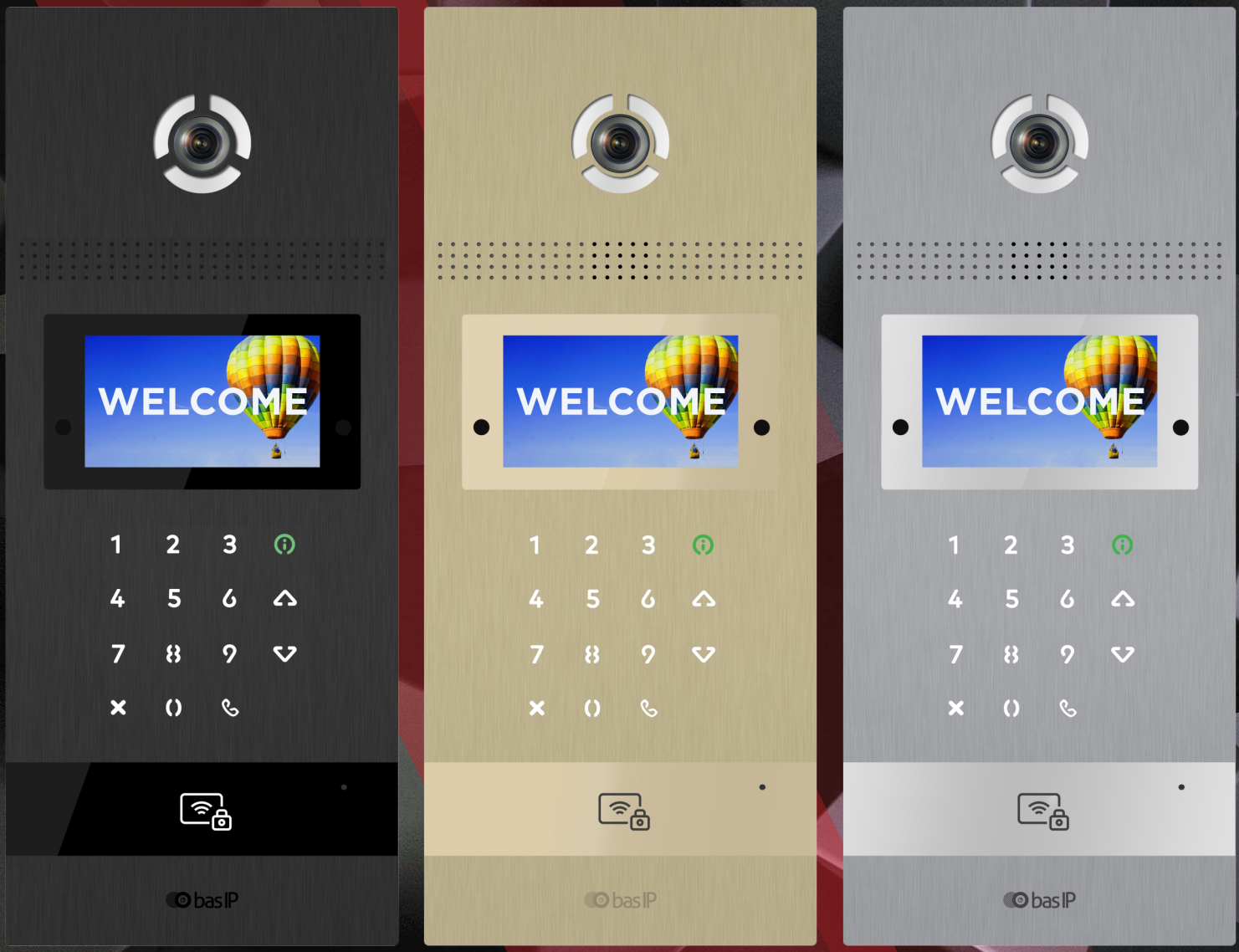
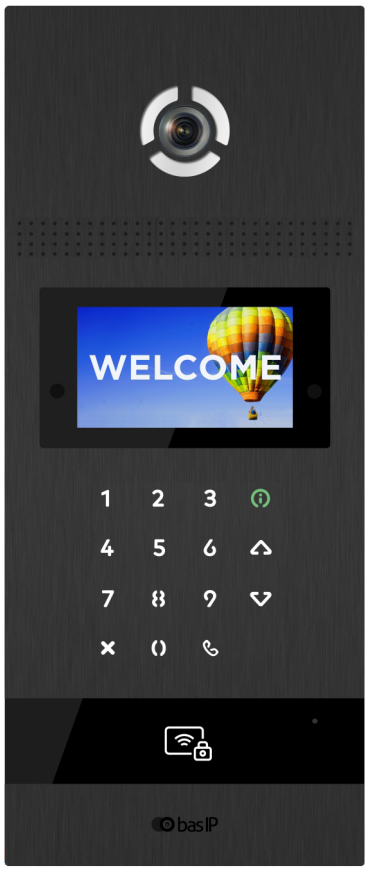
basIP

USER MANUAL

AA-12FBI



ENTRANCE PANEL



Main features

- **Panel type:** Multi-apartment.
- **Display:** 4.3” TFT, color with backlight.
- **Keypad:** Backlight piezo buttons.
- **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:** IK07.
- **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:** 6,5 W, in standby — 3,6 W.
- **Power supply:** +12 V DC.
- **Body:** Aluminum.
- **Colors:** Silver, Gold, Black.
- **Dimensions for installation:** 142 × 358 × 58 mm.
- **Size of the panel:** 161 × 382 × 49 mm.
- **Installation:** Flush, surface with BR-AA12 bracket.

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

ENTRANCE PANEL

AA-12FBI

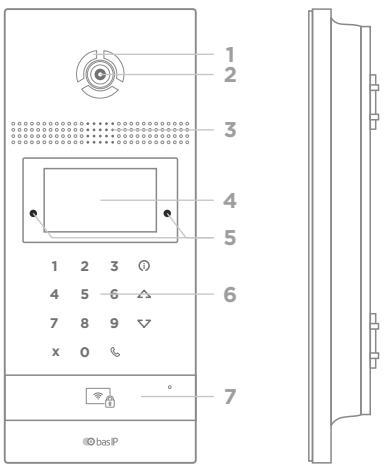
Full User Manual
wiki.bas-ip.com

Device description

The unique multi-apartment outdoor panel has a stylish design. Calling panels are available in gold, silver and black colors. The calling panel supports **BAS-IP UKEY** mobile access and allows direct calls to both internal monitors and the concierge. The device fits perfectly into the interior of a small office or cottage.
The panel has a unique feature — face recognition*.
This identifying technology is integrated into the BAS-IP panels and uses the camera of the outdoor panel and infrared sensors for its operation.

Appearance

1 - Backlight.
2 - Camera.
3 - Loudspeaker.
4 - 4.3” Display.
4 - Proximity sensors.
5 - Keypad.
6 - Reader.



EAN: 5060514912829 (BLACK) EAN: 5060514912836 (SILVER)
EAN: 5060514912843 (GOLD)

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
Sealing cap	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.

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.

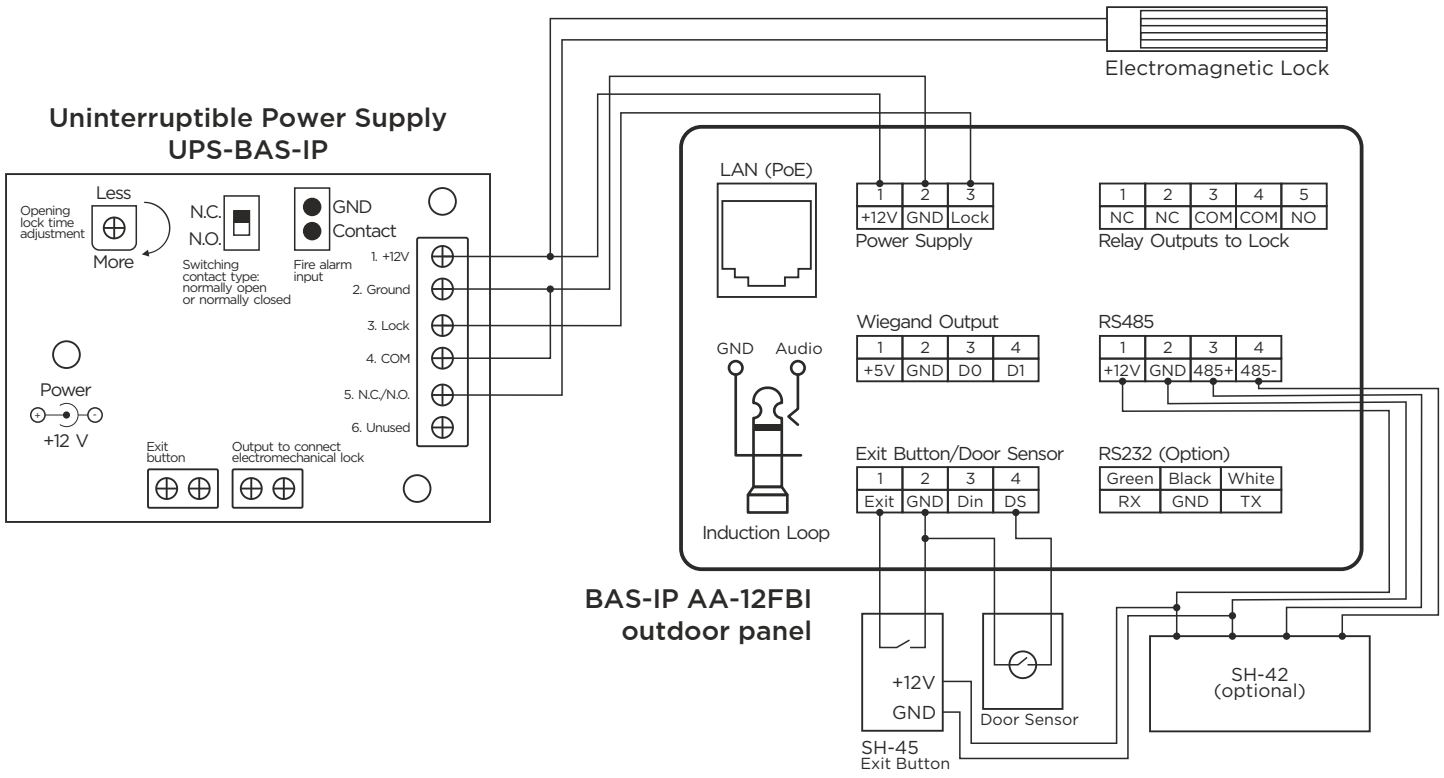
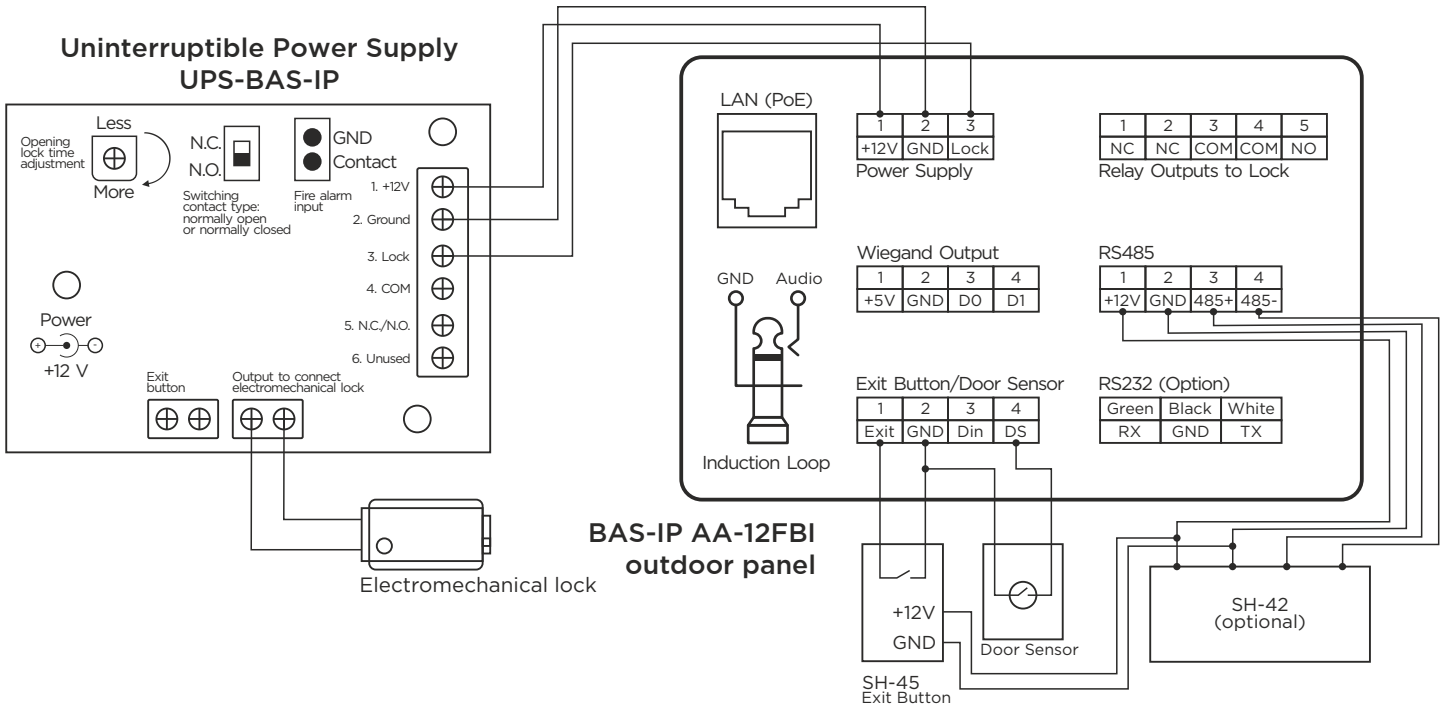


Diagram 2. Electromechanical lock connection scheme
using uninterruptible power supply UPS-BAS-IP.



EAN: 5060514912829 (BLACK) **EAN: 5060514912836 (SILVER)**
EAN: 5060514912843 (GOLD)

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

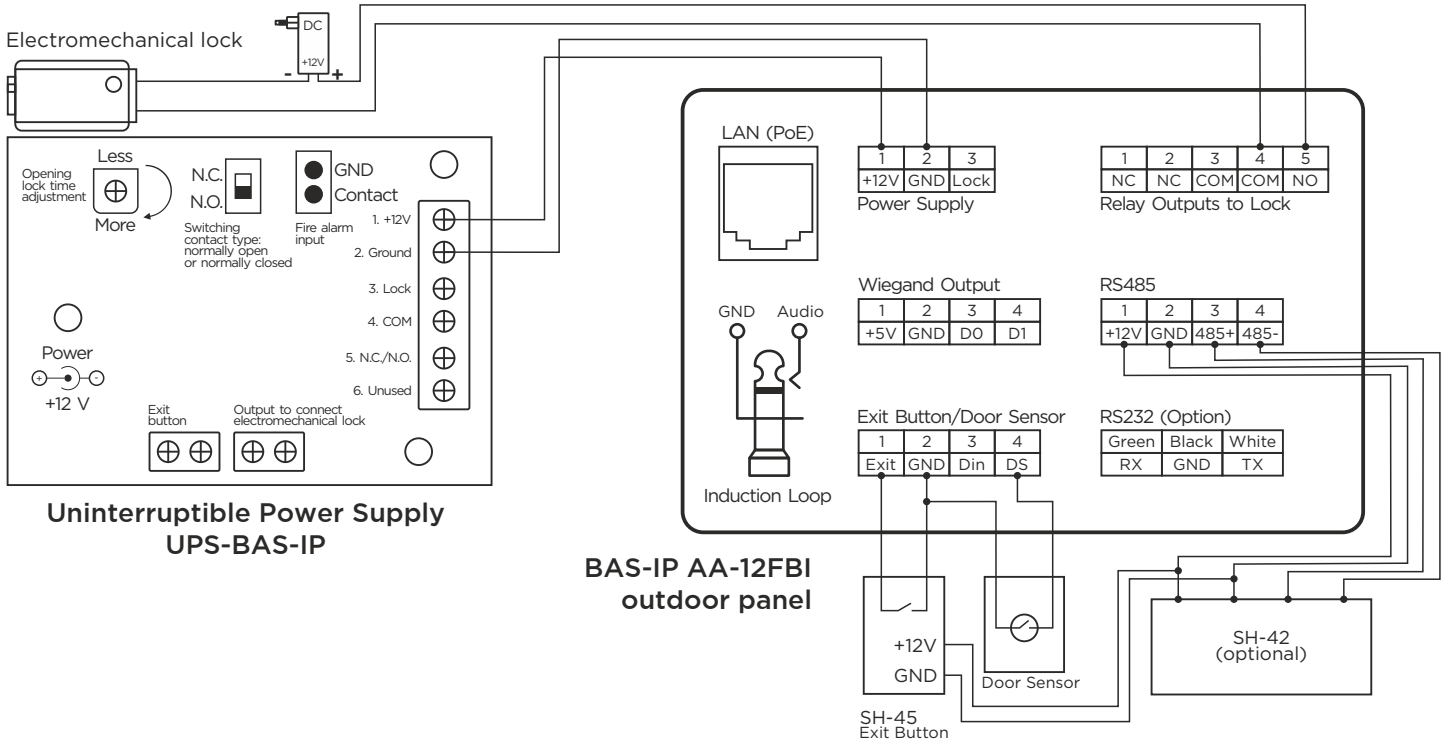


Diagram 4. Electromechanical lock connection scheme using third party power supply for the lock and PoE for the outdoor multi-appartment panel.

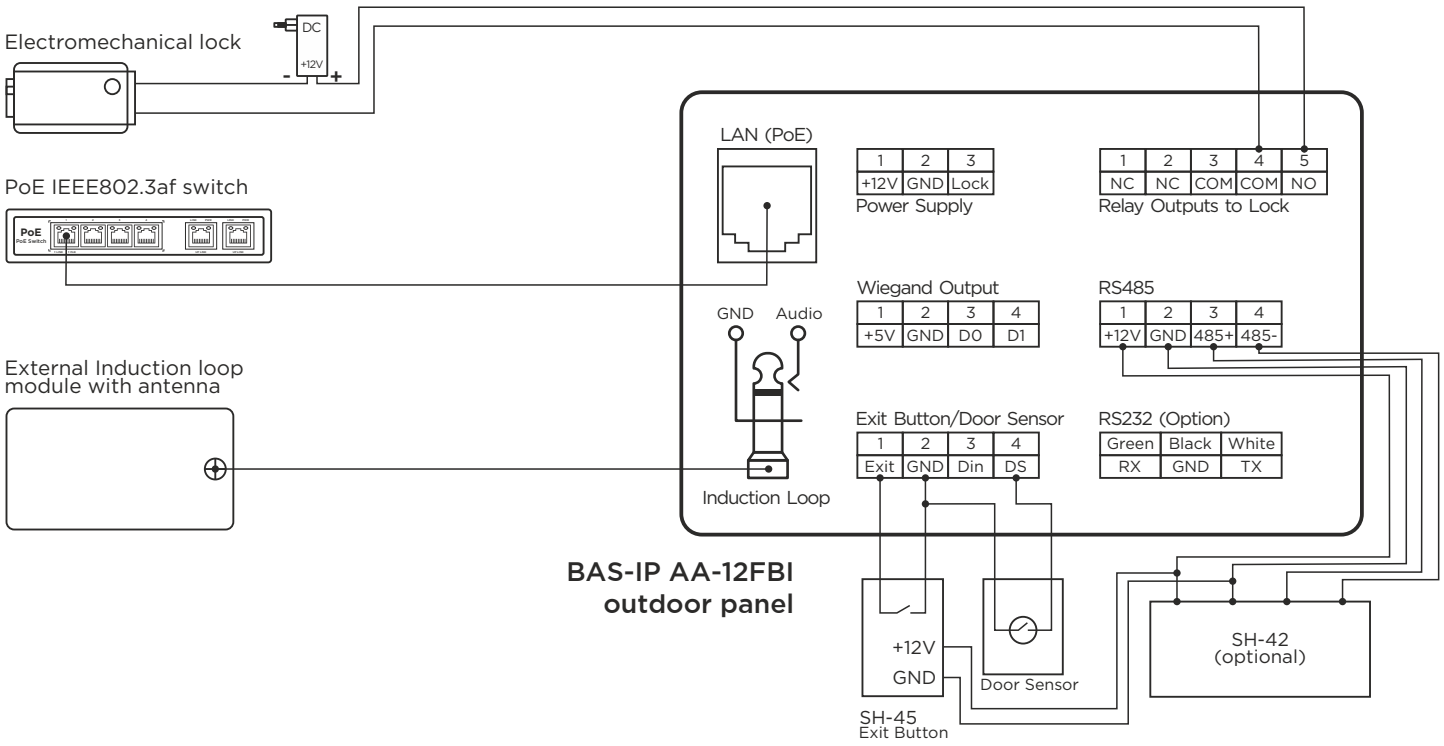


Diagram 5. Wiring diagram for SH-42.2 with two electromechanical locks, each powered by its own separate power supply.

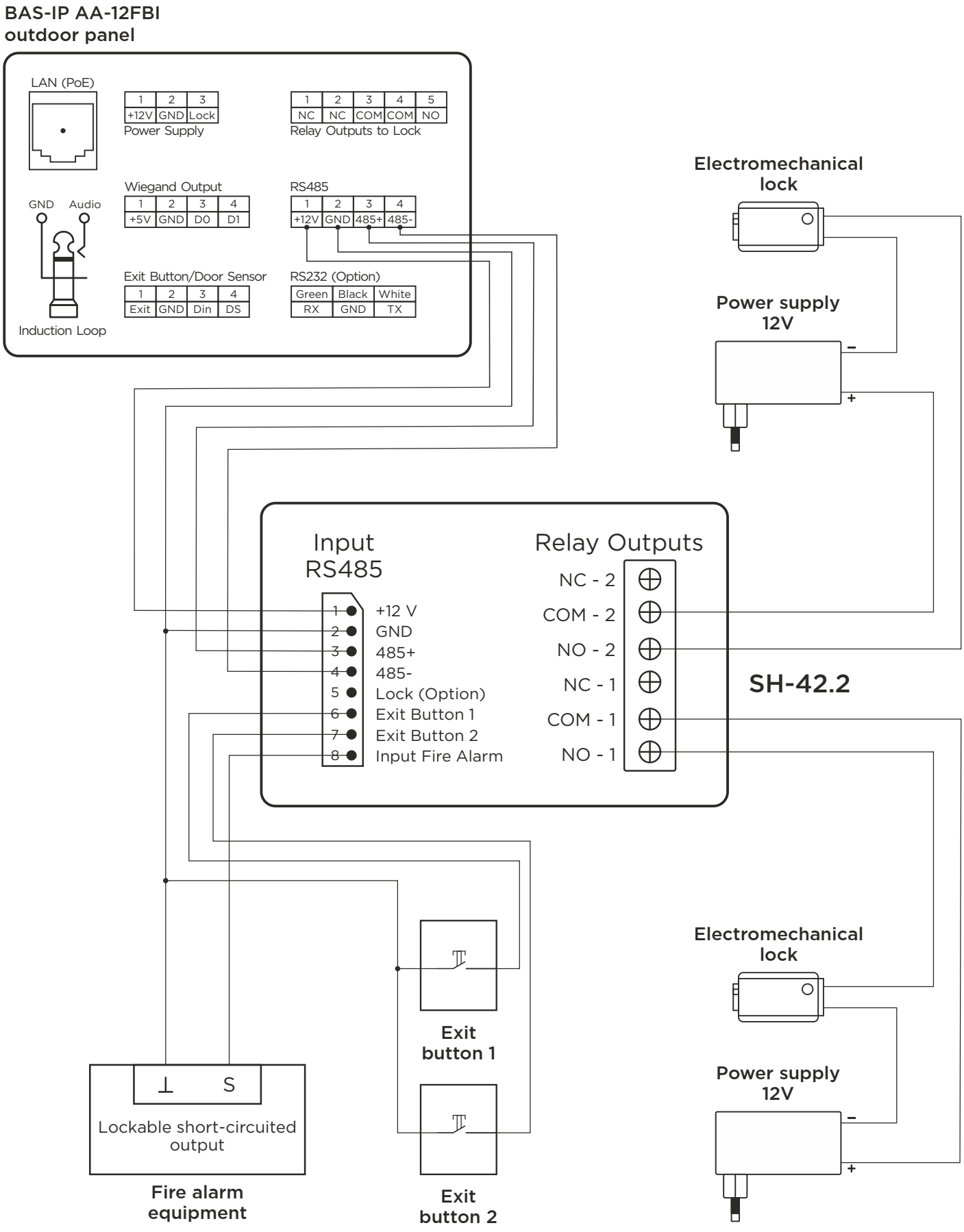


Diagram 6. Wiring diagram for SH-42.2 with two electromagnetic locks, each powered by its own separate power supply.

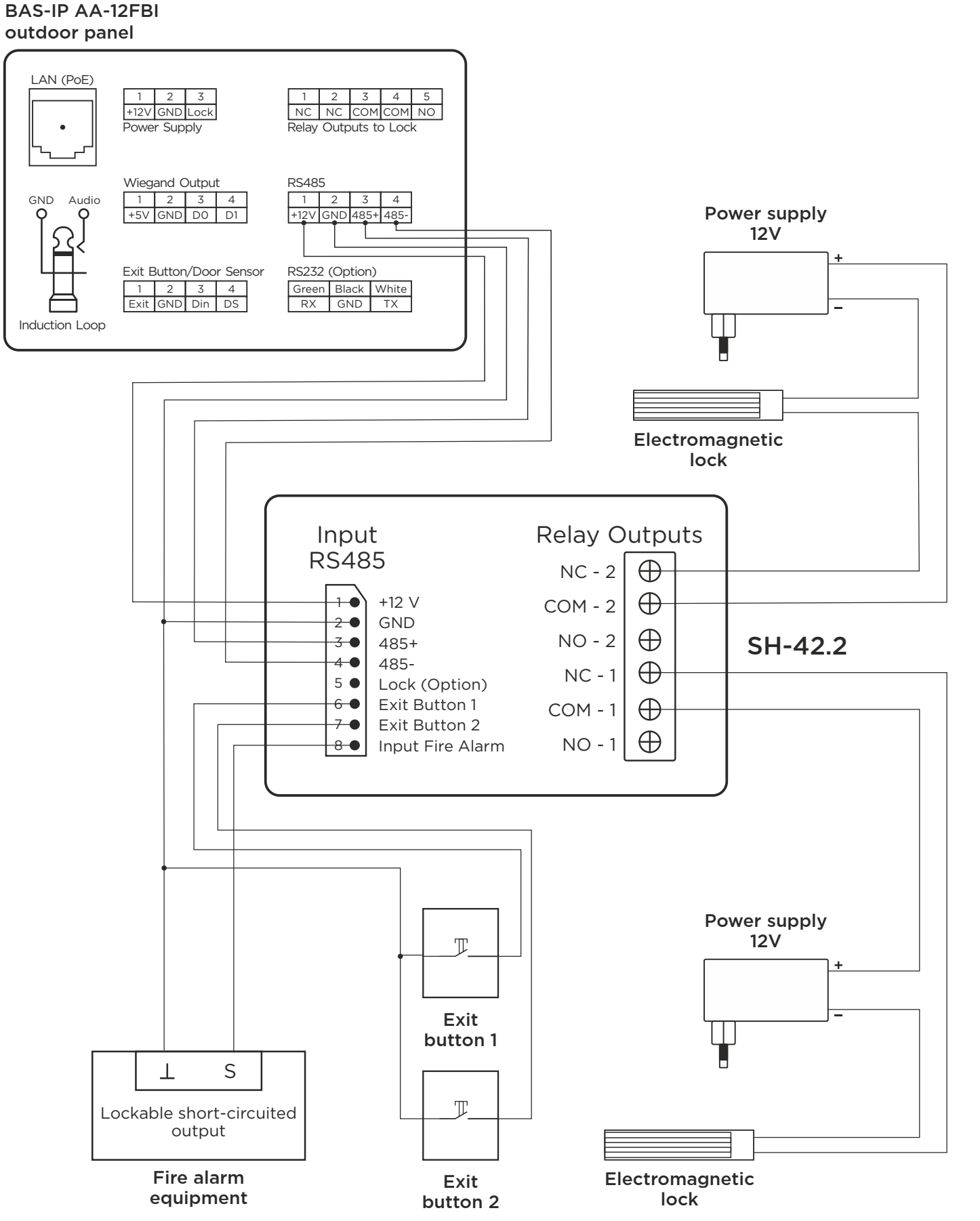


Diagram 7. Wiring diagram for SH-42.2 using the «Lock» input and an electromechanical lock powered by its own separate power supply.

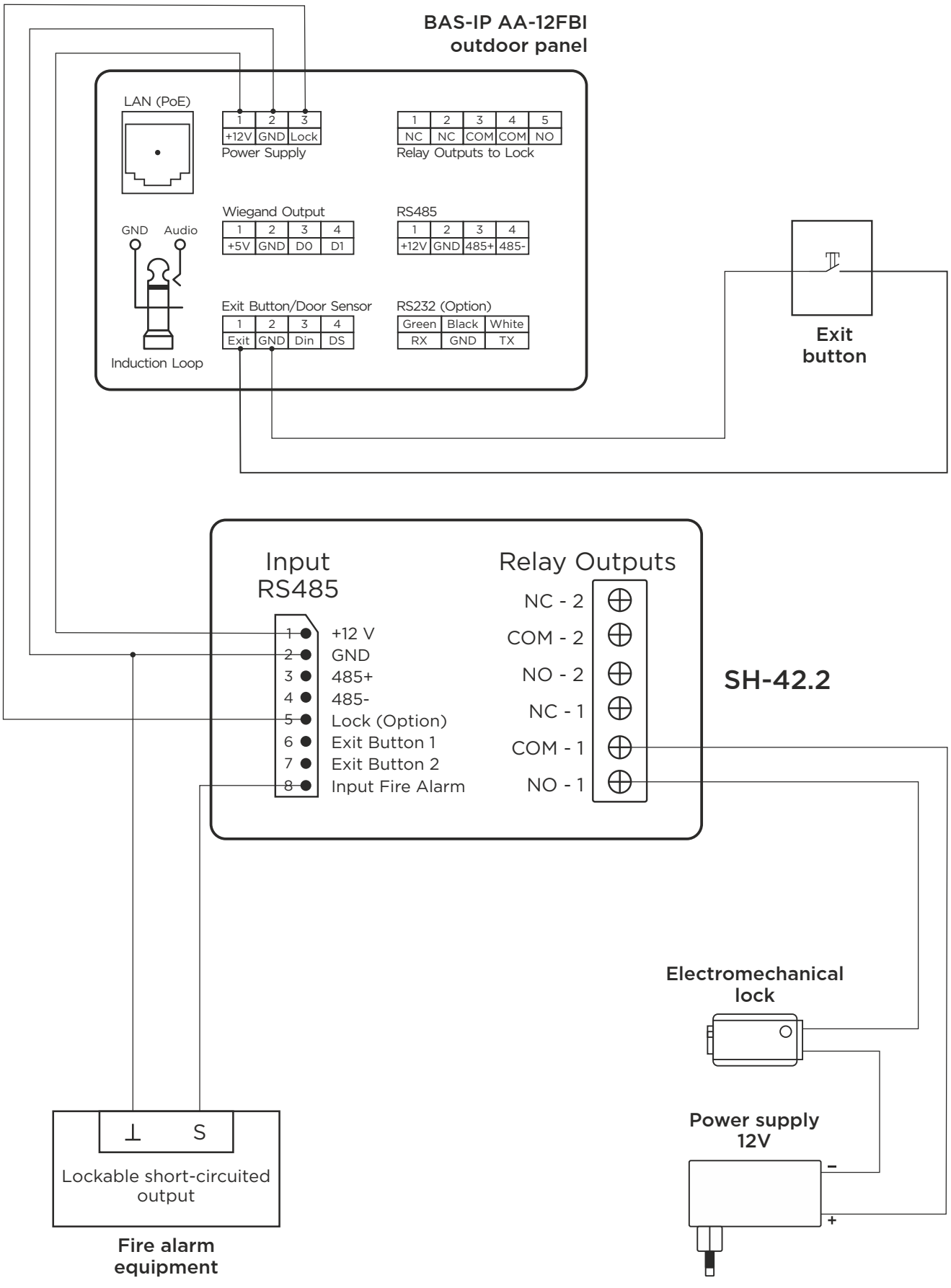
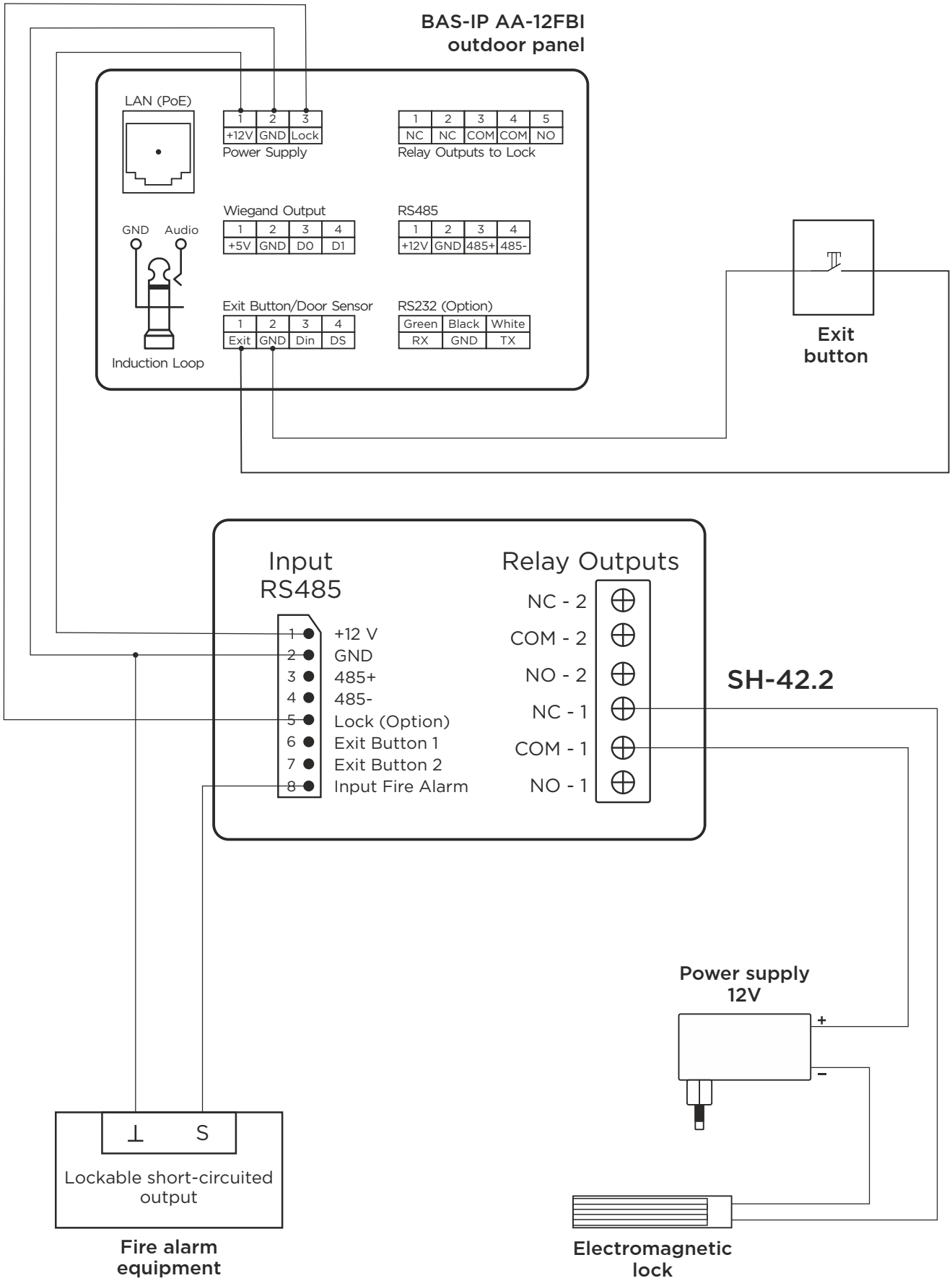
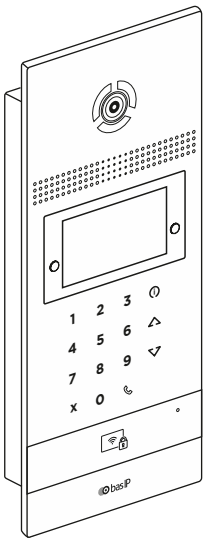


Diagram 8. Wiring diagram for SH-42.2 using the «Lock» input and an electromagnetic lock powered by its own separate power supply.



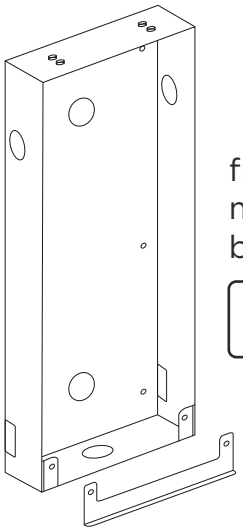
Flush installation process

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



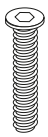
AA-12FBI outdoor panel

x1



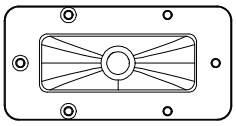
flush mounting bracket

x1



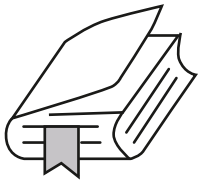
set of screws

x1



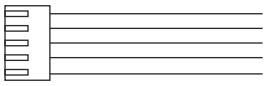
wires sealing cap

x1



user manual

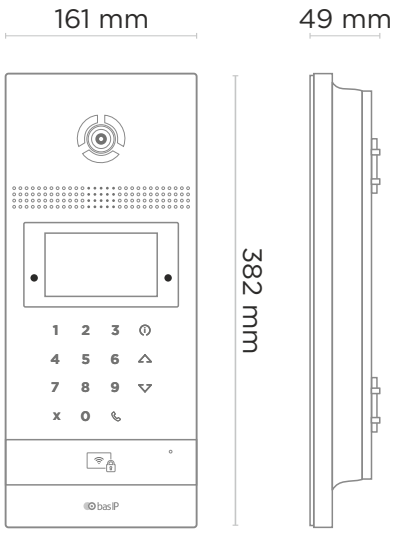
x1



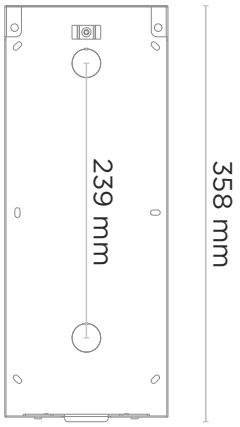
x1 set of wires with connectors

2 Verify all the diamensions of the flush mounting bracket and the outdoor panel to suit intentional place of installation. Also it is necessary to provide power supply cable, cable from additional modules and local network cable to the place of the panel installation.

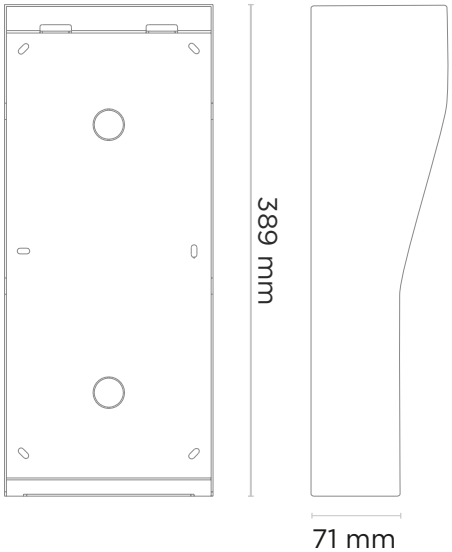
Outdoor Panel



Flush bracket



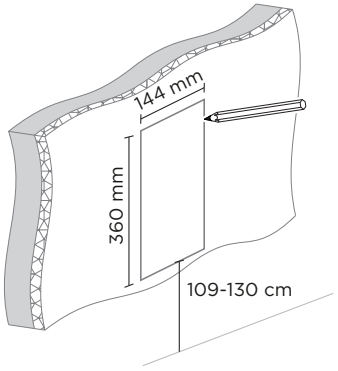
Rain Cover (BR-AA12) (sold separately)



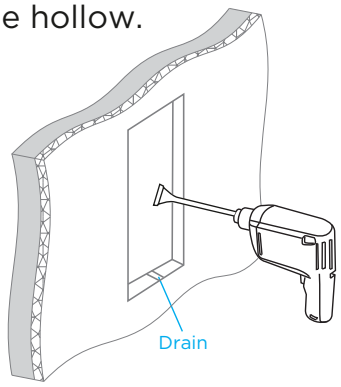
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EAN: 5060514912843 (GOLD)

EAN: 5060514912836 (SILVER)

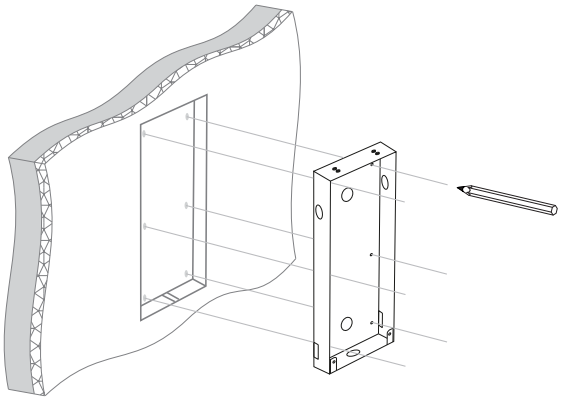
3 Draw a rectangle on the wall with specified dimensions.



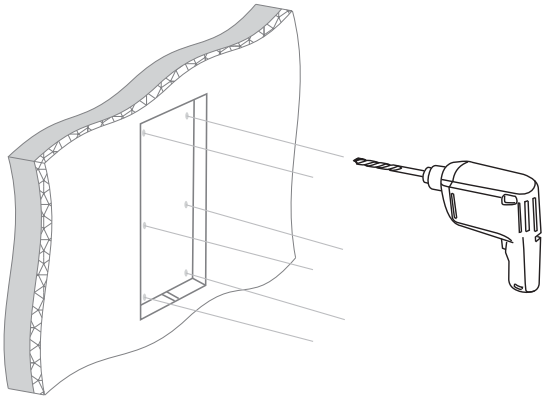
4 Create the hollow in the wall 59 mm depth for the flush mounting box. Also create the drain for the water on the bottom of the hollow.



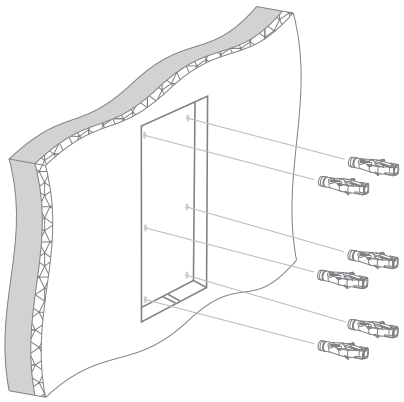
5 Put the flush mounting box into the hollow and mark six holes for the fixing anchors.



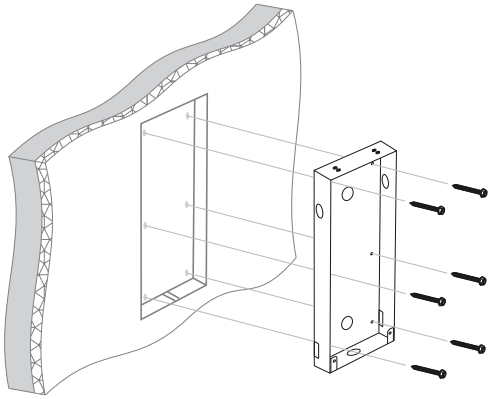
6 Drill six holes for the anchors inside the hollow.



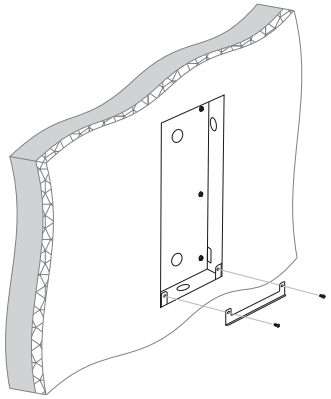
7 Install the anchors inside the drilled holes.



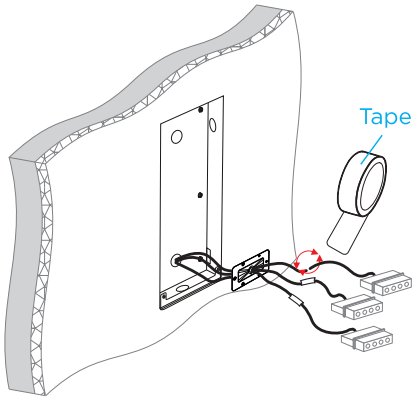
8 Fix the flush mounting box inside the hollow using screws.
Attention: do not close the water drain on the bottom while fixing the flush box!



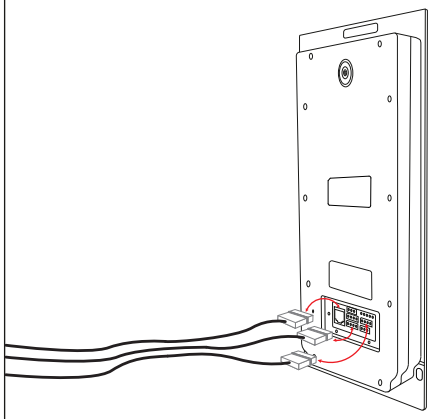
9 Fix additional bracket using two screws from the kit.



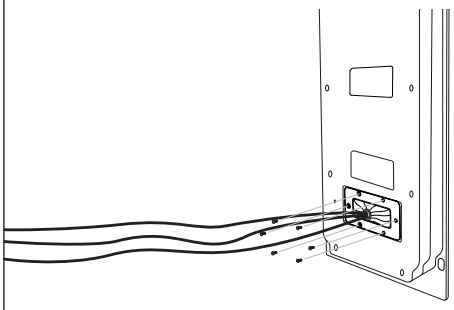
10 Install wires sealing cap by pushing all the cables through its hole then connect all the cables to the connectors from the panel kit and isolate them using tape.



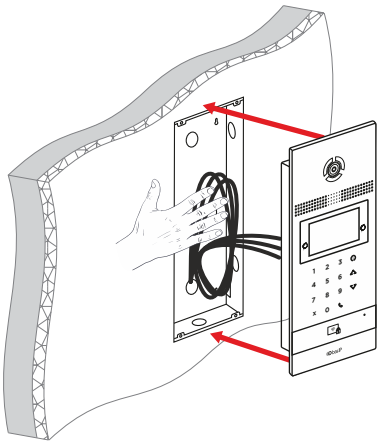
11 Join all the connectors to the outdoor panel.

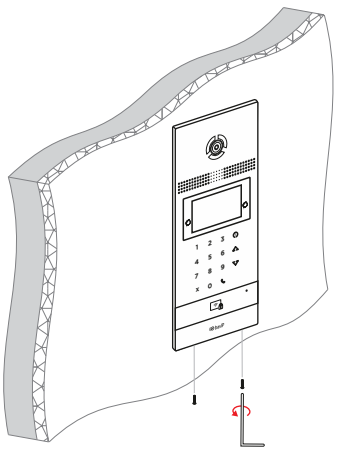


12 Fix wires sealing cap using six screws from the kit.



13 Install the outdoor panel into the flush mounting box while carefully laying all the wires inside it. Avoid squeezing the wires between the panel back and metallic parts of the flush box. Fix the outdoor panel using two screws and the wrench from the panel kit.

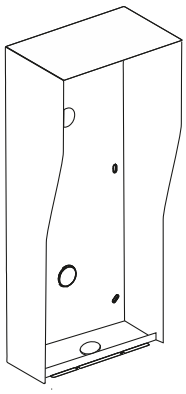




EAN: 5060514912829 (BLACK) EAN: 5060514912836 (SILVER)
EAN: 5060514912843 (GOLD)

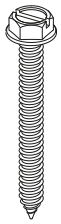
Surface installation process with BR-AA12 rain cover (sold separately)

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



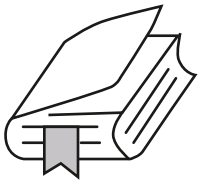
surface mounting box with raincover BR-AA12

x1



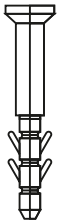
bracket fastening screws

x6



user manual

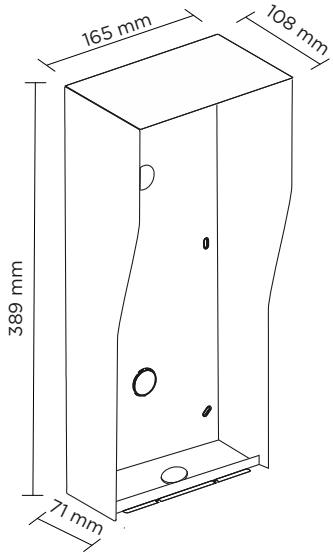
x1

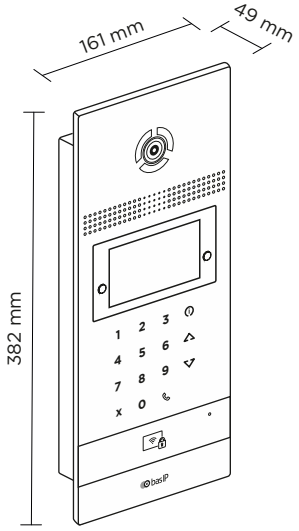


bracket fastening anchors

x6

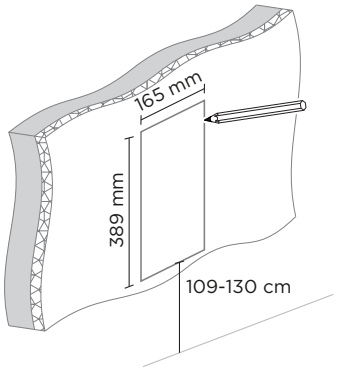
2 Verify all the diamensions of the rain cover and the outdoor panel to suit intentional place of installation.



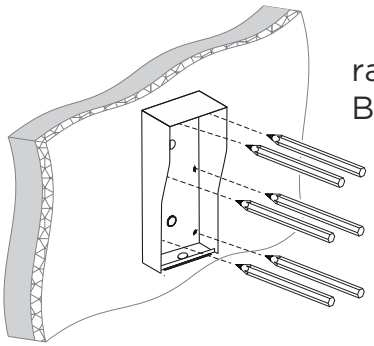


basIP

3 Draw a rectangle on the wall according to the dimensions mentioned below.

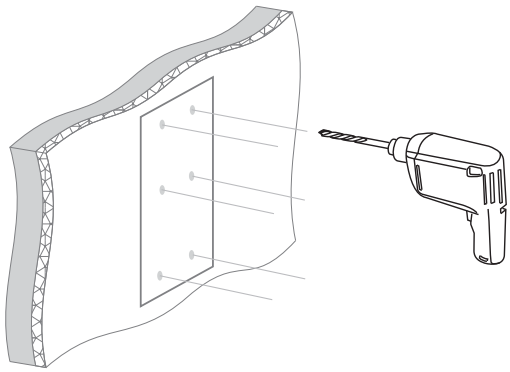


4 Place the rain cover against the rectangle. Mark the holes for the anchors.

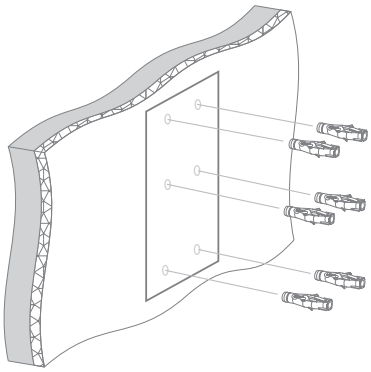


rain cover
BR-AA12

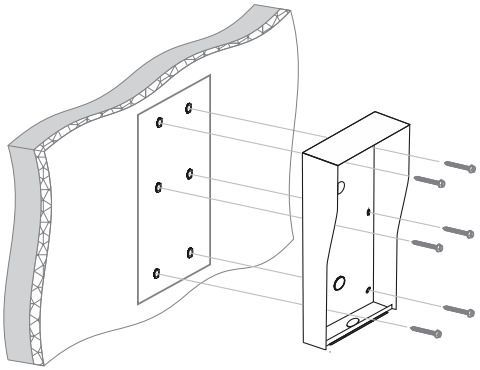
5 Drill six holes for the anchors.



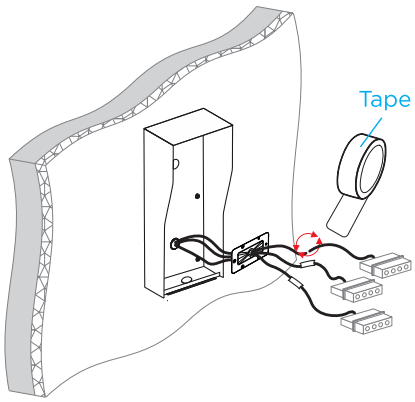
6 Install six anchors into the drilled holes.



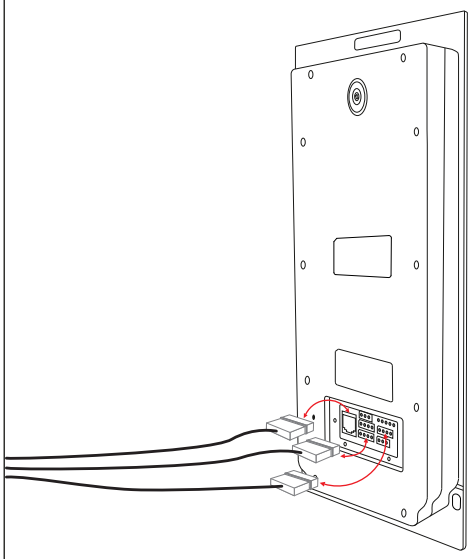
7 Fix surface mounting bracket on the wall using six screws.



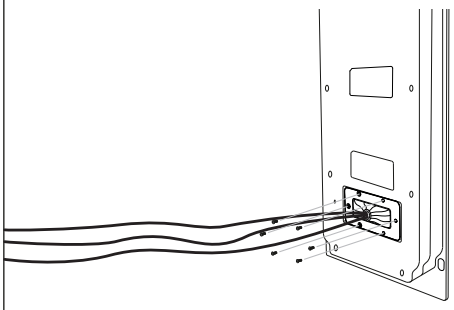
8 Install wires sealing cap by pushing all the cables through its hole then connect all the cables to the connectors from the panel kit and isolate them using tape.



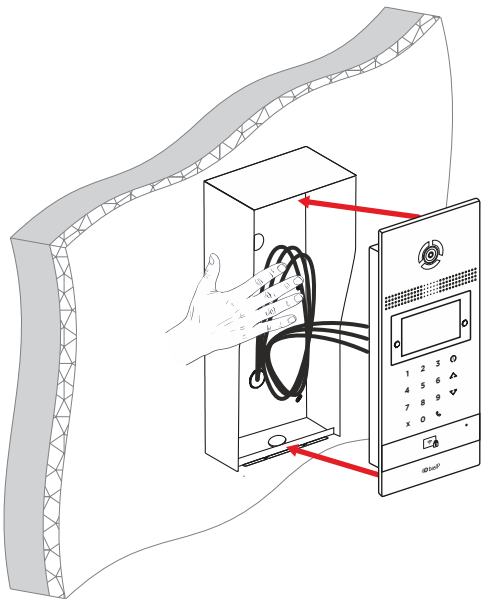
9 Join all the connectors to the outdoor panel.

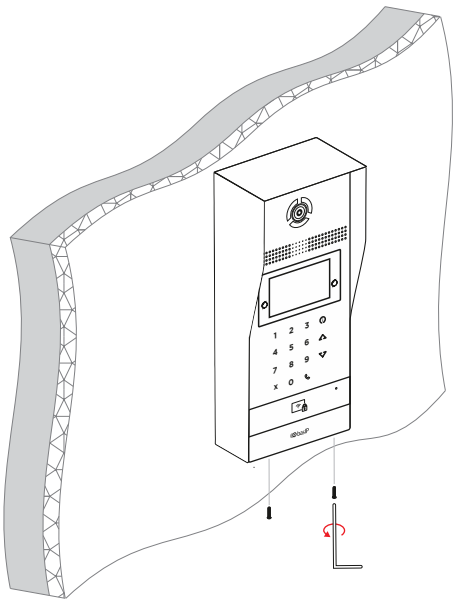


10 Fix wires sealing cap using six screws from the kit.



11 Install the outdoor panel into the surface mounting box while carefully laying all the wires inside it. Use the loop pattern to lay all the excessive wires into the box. Avoid squeezing the wires between the panel back and metallic parts of the surface box.
Fix the outdoor panel using four screws and the wrench from the panel 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

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