basIP

USER MANUAL

AV-03BD



ENTRANCE PANEL



Main features

- **Panel type:** Individual.
- **Camera:** 1/4”.
- **Resolution:** 2 Mpx.
- **Camera angle:** 90° (horizontal).
- **Output video:** HD (1280 × 720), H.264 Main Profile.
- **Night backlight:** 6 LEDs.
- **Light sensitivity:** 0,01 LuX.
- **Protection class:** IP64.
- **IK-Code:** IK06.
- **Working temperature:** -40 — +65 °C.
- **Power consumption:** 6,5 W, in standby — 2,5 W.
- **Power supply:** +12 V DC, PoE 802.3af.
- **Body:** ABS plastic.
- **Colors:** Black, Silver.
- **Size of the panel:** 102 × 160 × 46 mm.
- **Installation:** Surface mount with and without a hood. (brackets included).

ENTRANCE PANEL

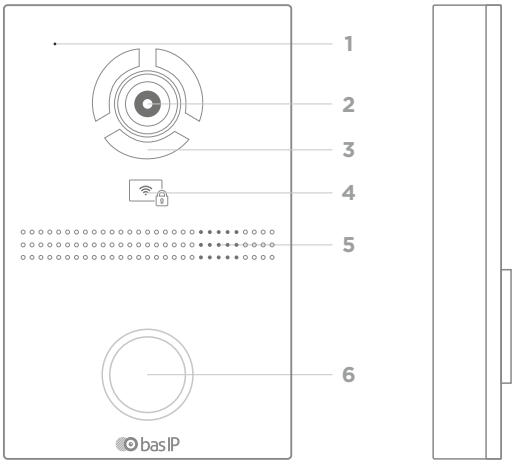
AV-03BD

Full User Manual
wiki.bas-ip.com

Device description

BAS-IP AV-03BD is a stylish panel that will surely fit perfectly into the interior of any office center. The panel is made of high quality plastic and can be used in almost any room.

Appearance



1 - Microphone.
2 - Camera.
3 - Backlight.
4 - Reader.
5 - Loudspeaker.
6 - Sensor call button.

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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
Surface mounting bracket with a hood / without hood	1 pc / 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 wrenches	1 pc

Electrical connection

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

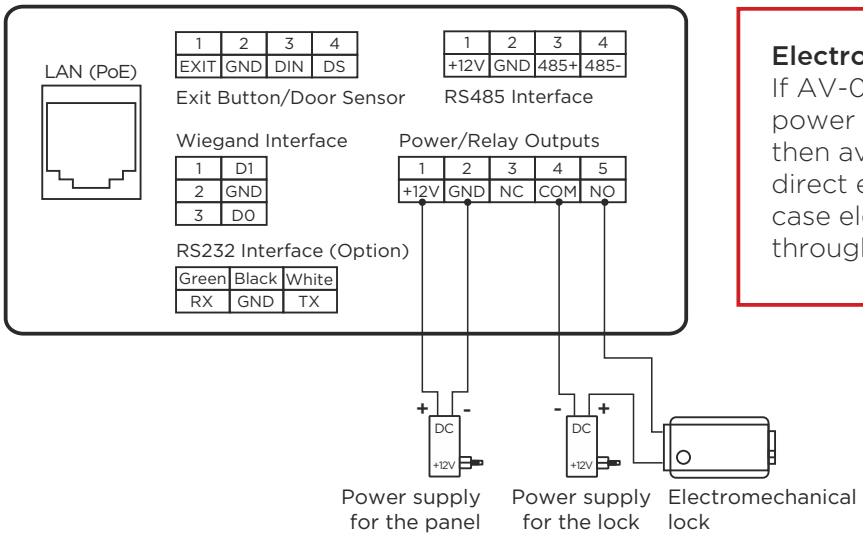
For connection you will need:

- An Ethernet UTP CAT5 or higher cable connected to a network 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, if there is no PoE.
- Wires must be brought for the connection of alarm loops and home automation (optional).

You can connect any type of electromechanical or electromagnetic lock for which the switched current does not exceed 5 Amps.



Electromagnetic lock connection
If AV-03BD outdoor panel uses third party power supply and doesn't have UPS-BAS-IP then avoid using AV-03BD internal relay for direct electromagnetic lock connection. In this case electromagnetic lock must be connected through the SH-42.2 - SH-42.8 unit.

Diagram 1. Electromechanical lock connection using external power supply for the panel and the lock.

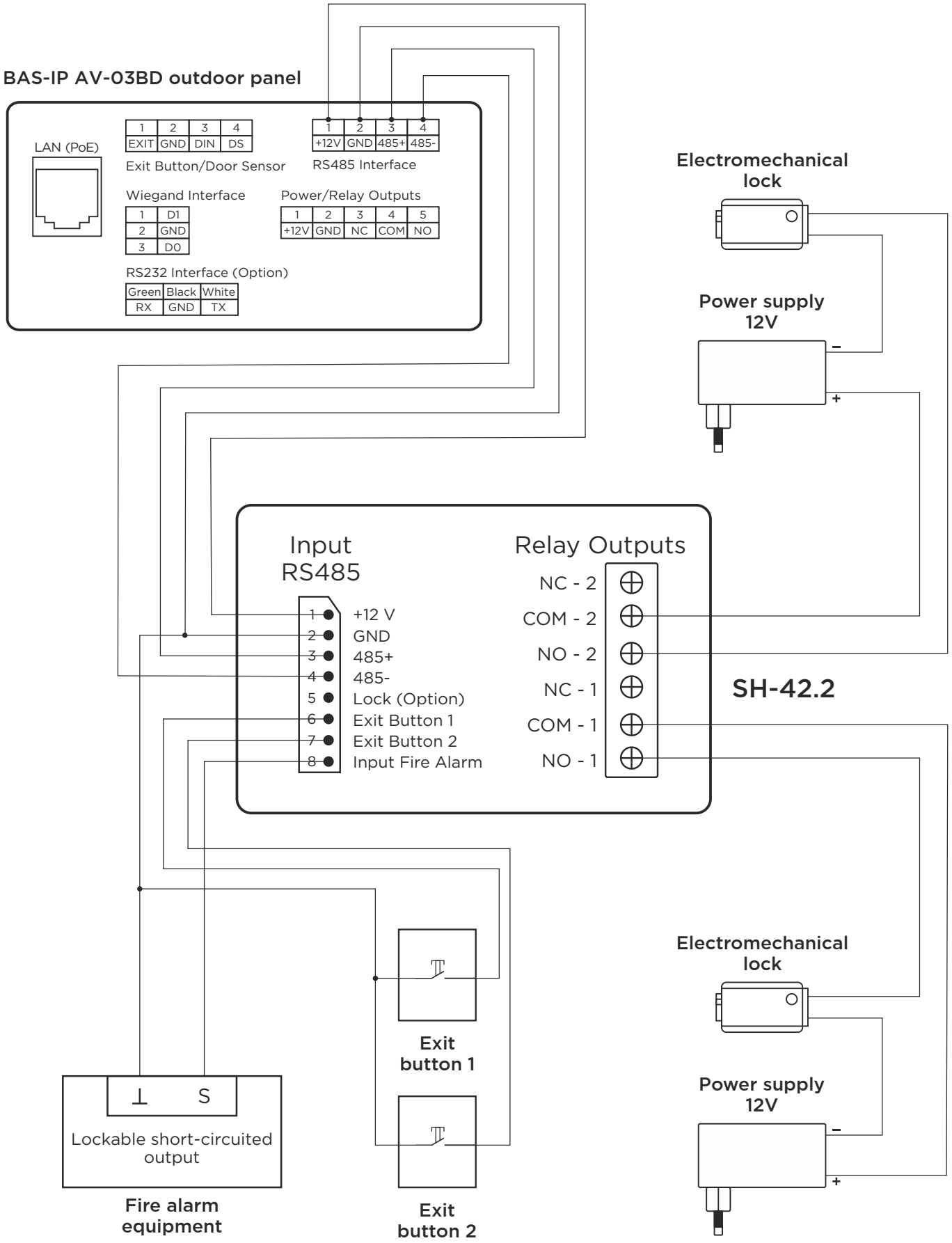


Diagram 2. Wiring diagram for SH-42.2 with two electromechanical locks, each powered by its own separate power supply.

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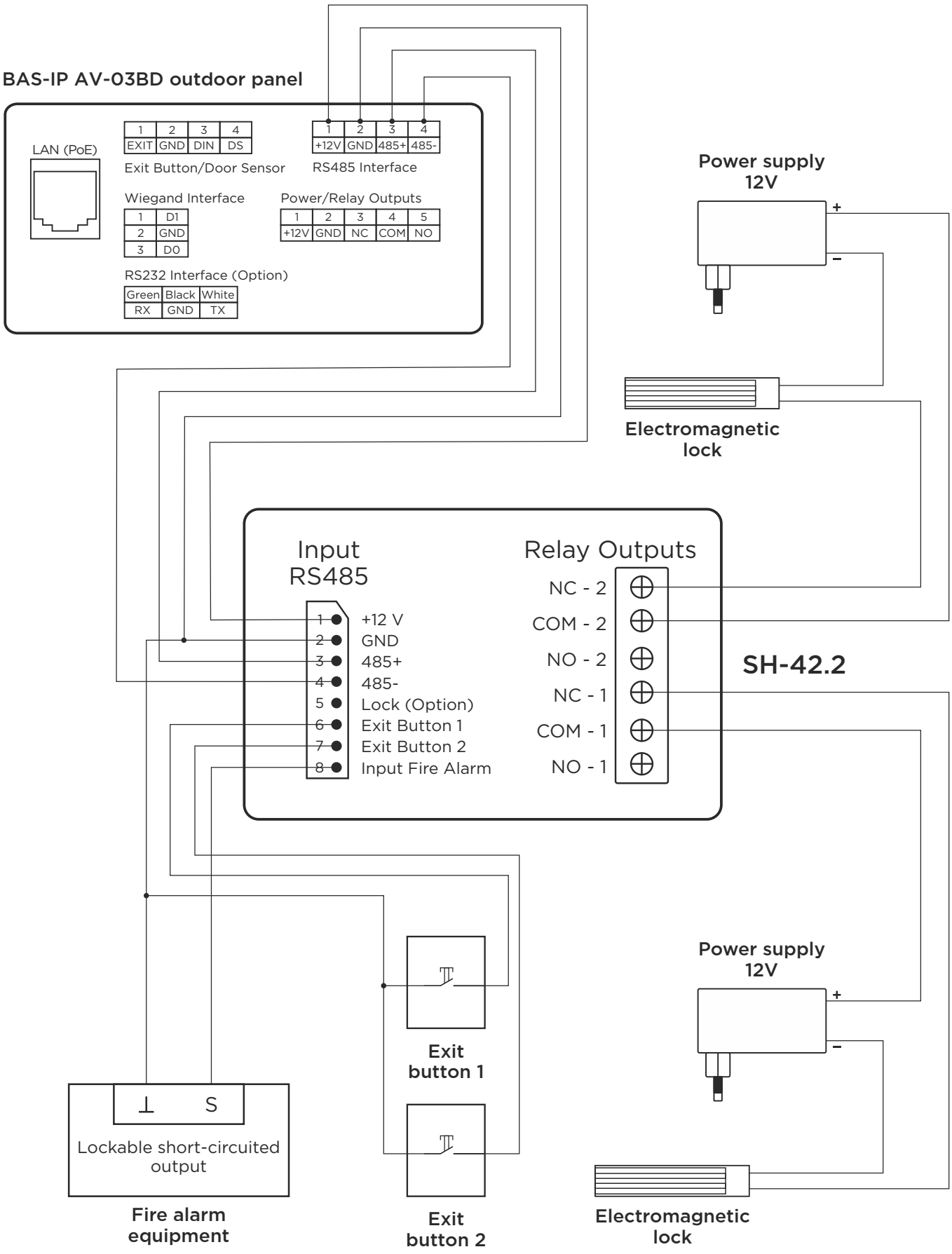


Diagram 3. Wiring diagram for SH-42.2 with two electromagnetic locks, each powered by its own separate power supply.

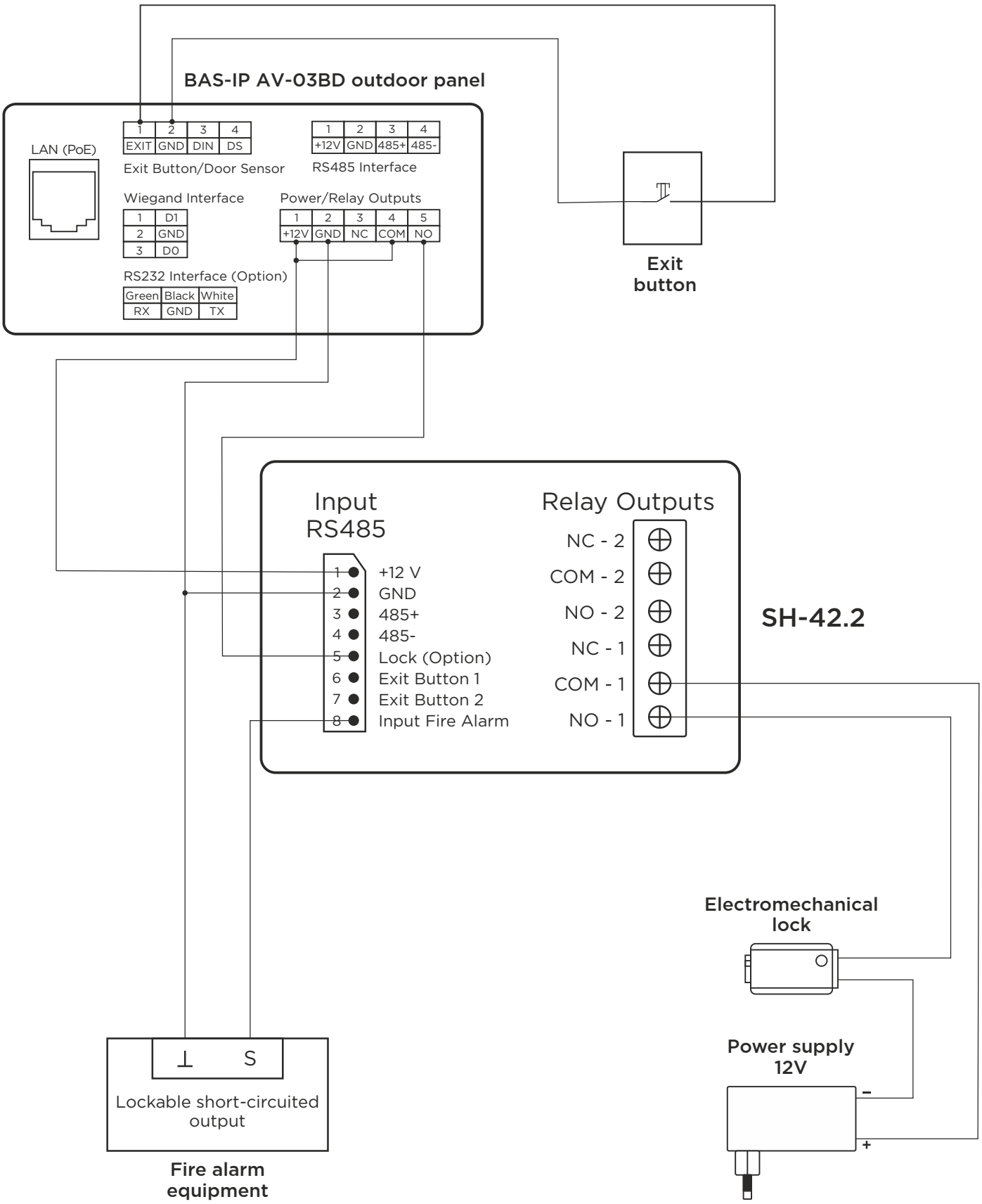


Diagram 4. Wiring diagram for SH-42.2 using the «Lock» input and an electromechanical lock powered by its own separate power supply.

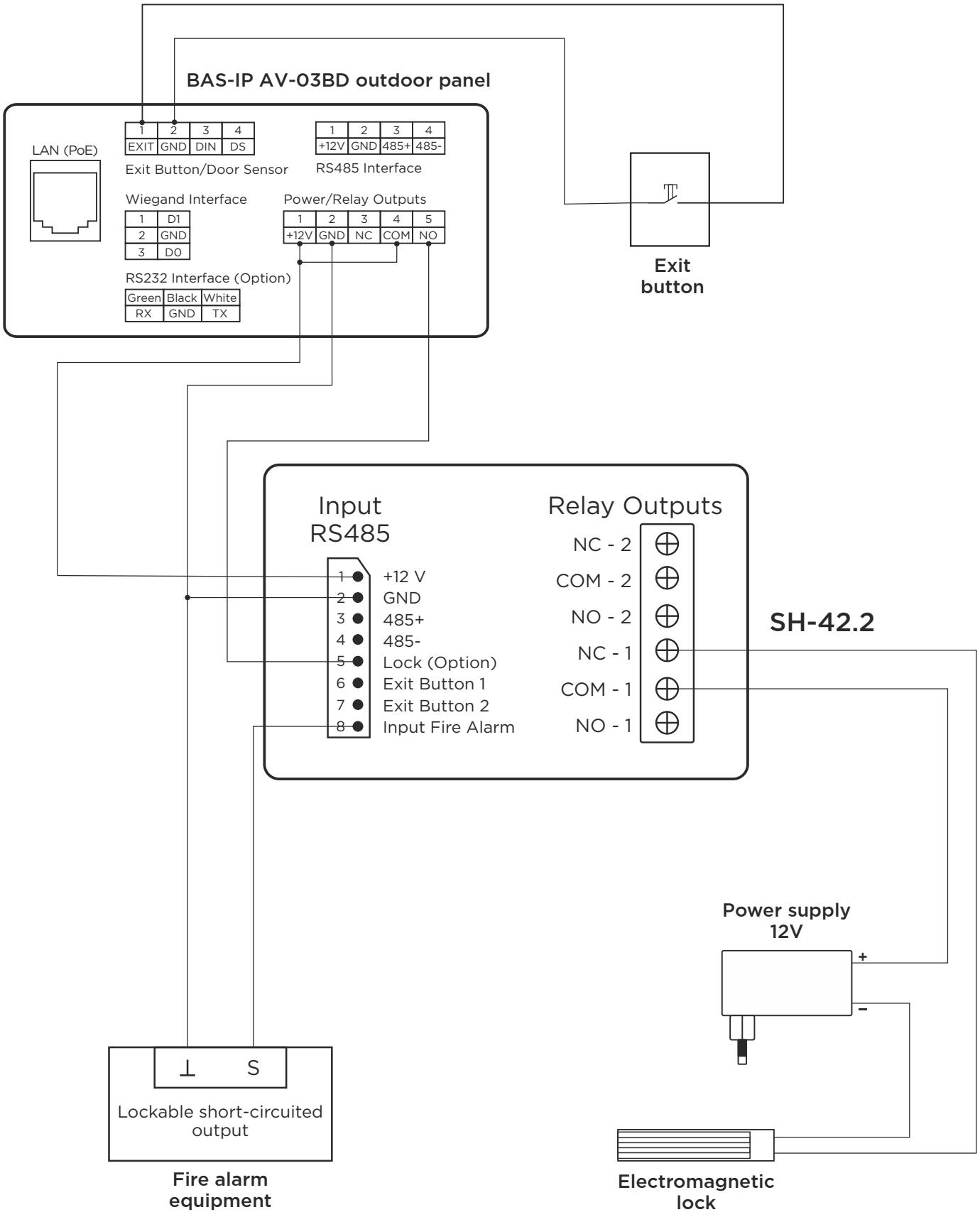
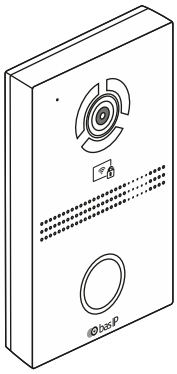


Diagram 5. Wiring diagram for SH-42.2 using the «Lock» input and an electromagnetic lock powered by its own separate power supply.

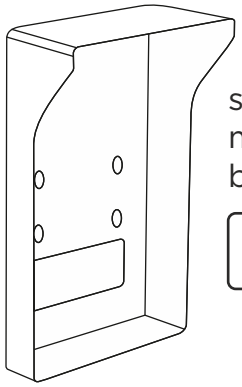
Surface installation process

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



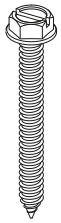
AV-03BD outdoor panel

x1



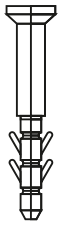
surface mounting bracket

x1



bracket fastening screws

x8



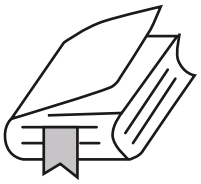
bracket fastening anchors

x8



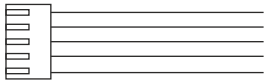
panel fastening screws

x2



user manual

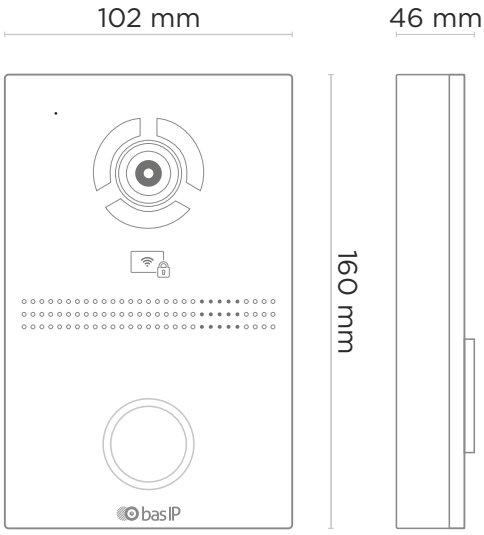
x1



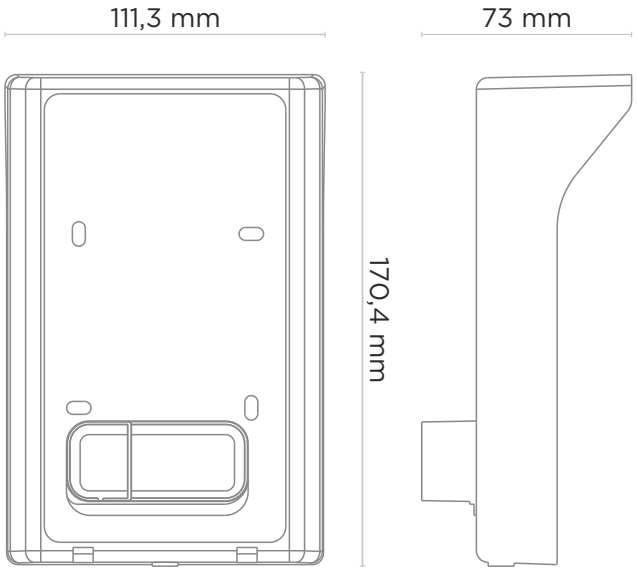
x1 set of wires with connectors

2 Verify all the diamensions of the surface 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 panel installation.

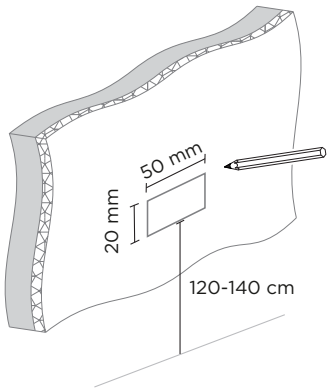
Outdoor panel



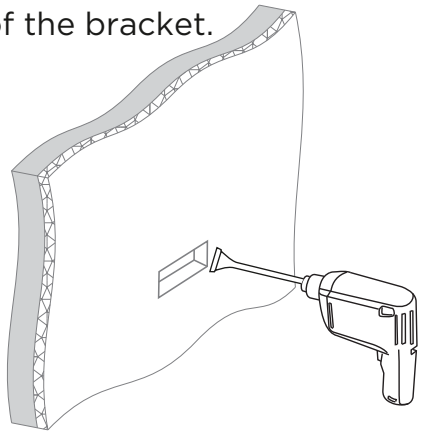
Bracket with a hood



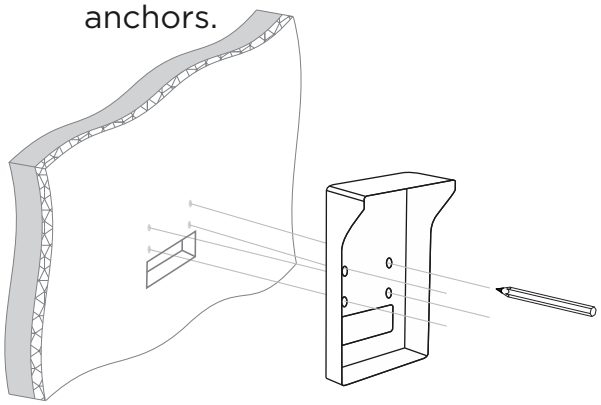
3 Draw a rectangle on the wall with specified dimensions.



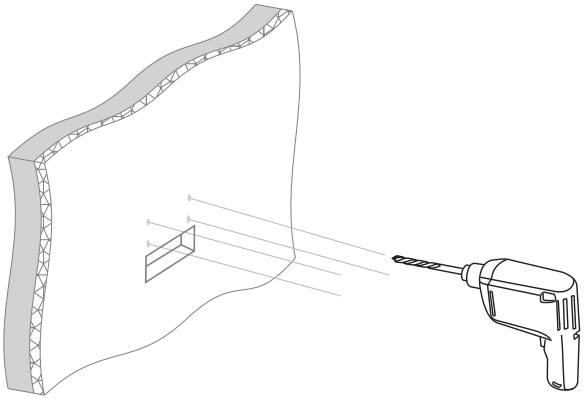
4 Create the hollow in the wall 60 mm depth for the flush part of the bracket.



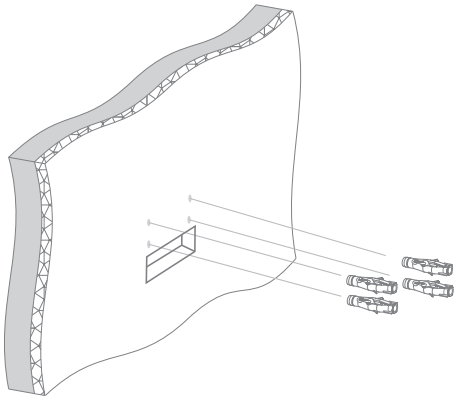
5 Put the surface mounting bracket into the hollow and mark four holes for the fixing anchors.



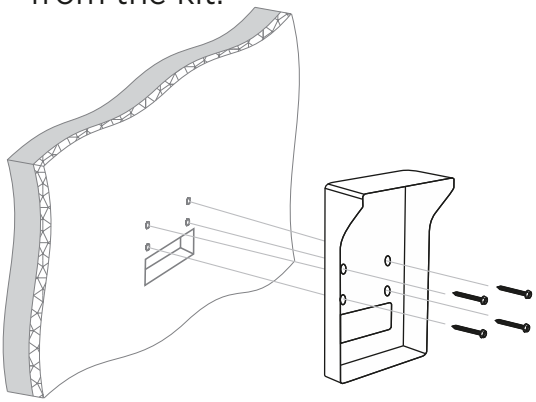
6 Drill four holes for the anchors according markers.



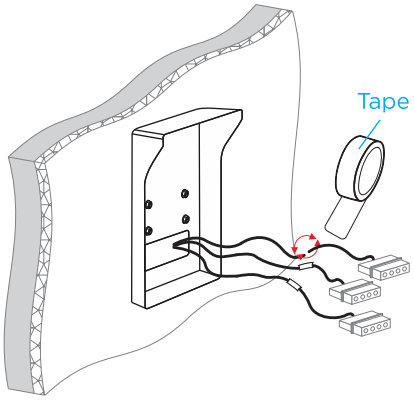
7 Install the anchors inside the drilled holes.



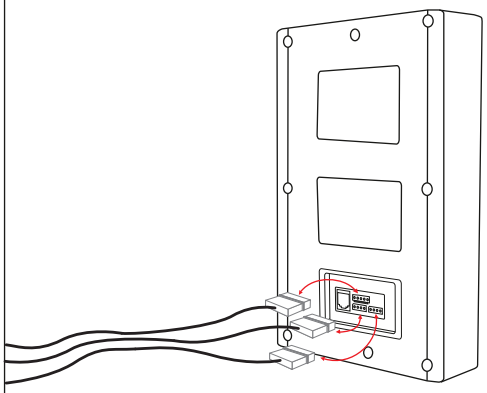
8 Install the surface mounting bracket and fix it using screws from the kit.



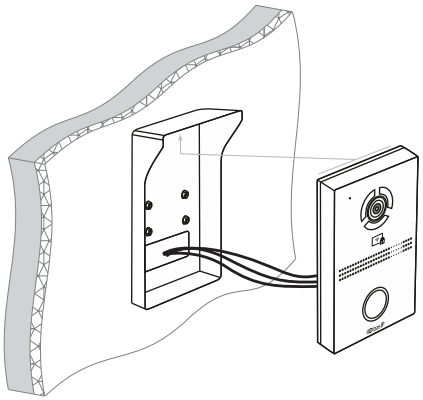
9 Connect all the necessary cables from the wall to the connectors from the panel kit and isolate them using tape.



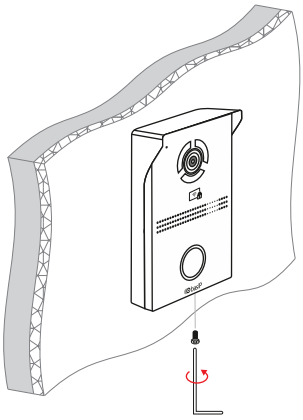
10 Join all the connectors to the outdoor panel.



11 Install the outdoor panel inside the surface mounting bracket while carefully laying all the wires inside the bracket hollow. Avoid squeezing the wires between the panel back and surface mounting bracket!



12 Fix the outdoor panel inside surface mounting brackett using screw from the bottom side.



EAN: 5060514912607 (BLACK) EAN: 5060514912614 (SILVER)

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.

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Notes

Notes

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