AZ-07LL

IP INDOOR VIDEO ENTRY PHONE
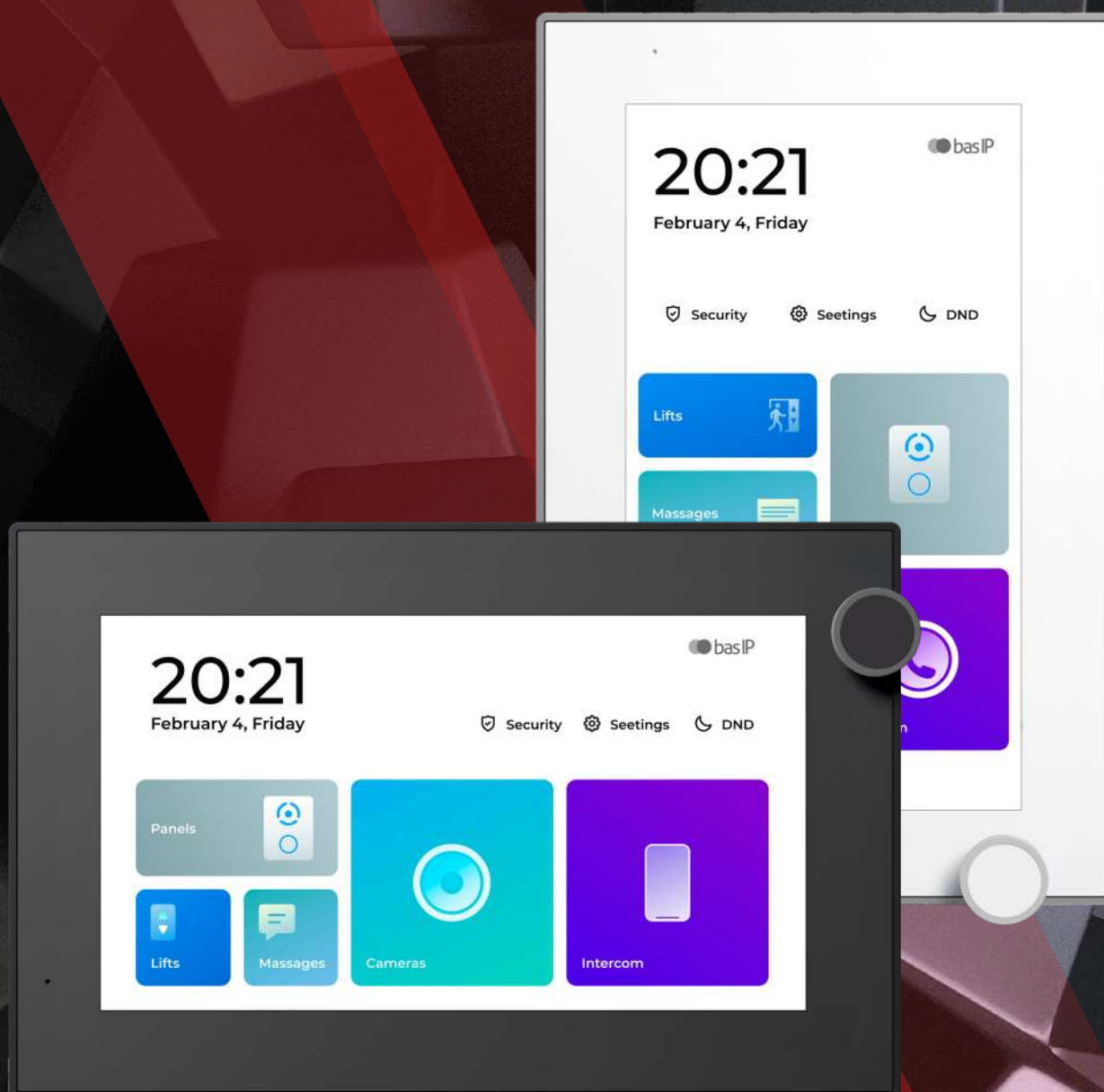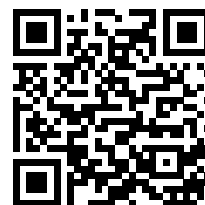
bas IP

Main features

- **Display:** 7" TFT LCD, capacitive touchscreen.
- **Screen resolution:** 800 x 480.
- **Built-in camera:** No.
- **Power:** PoE and + 12 V DC (PSU not included).
- **Power consumption:** 6 W, standby 2.5 W.
- **Dimensions:** 195 x 127 x 27 mm.
- **Colors:** Black, Gray.
- **Body:** Plastic.
- **Installation Type:** Wall mount.
- **Mounting options:** Horizontal and vertical.
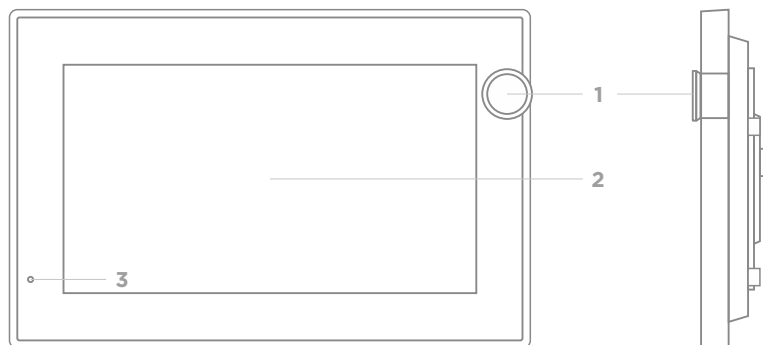
IP INDOOR VIDEO ENTRY PHONE

AZ-07LL

Full User Manual
wiki.bas-ip.com

Device description

7" IP video indoor monitor with overhead horizontal and vertical mounting options, the ability to control the lift, display messages from the management company, PoE, connection of 8 cameras, memory for photos/videos and an autoresponder. OS - Linux.

Appearance

1 - Unlock button.
2 - Screen
3 - Microphone.

Completness check of the product

Before installing the monitor, be sure to check that it is complete and all components are available.

The monitor kit includes:

Monitor	1 pc
Wall mounting bracket	1 pc
Manual	1 pc
Set of wires with connectors for connection of alarm loops, doorbell and home automation	1 pc
Resistors for alarm loops	8 pcs
Installation screws	2 pcs

Electrical connection

After verifying the device's completeness, you can switch to the monitor connection.
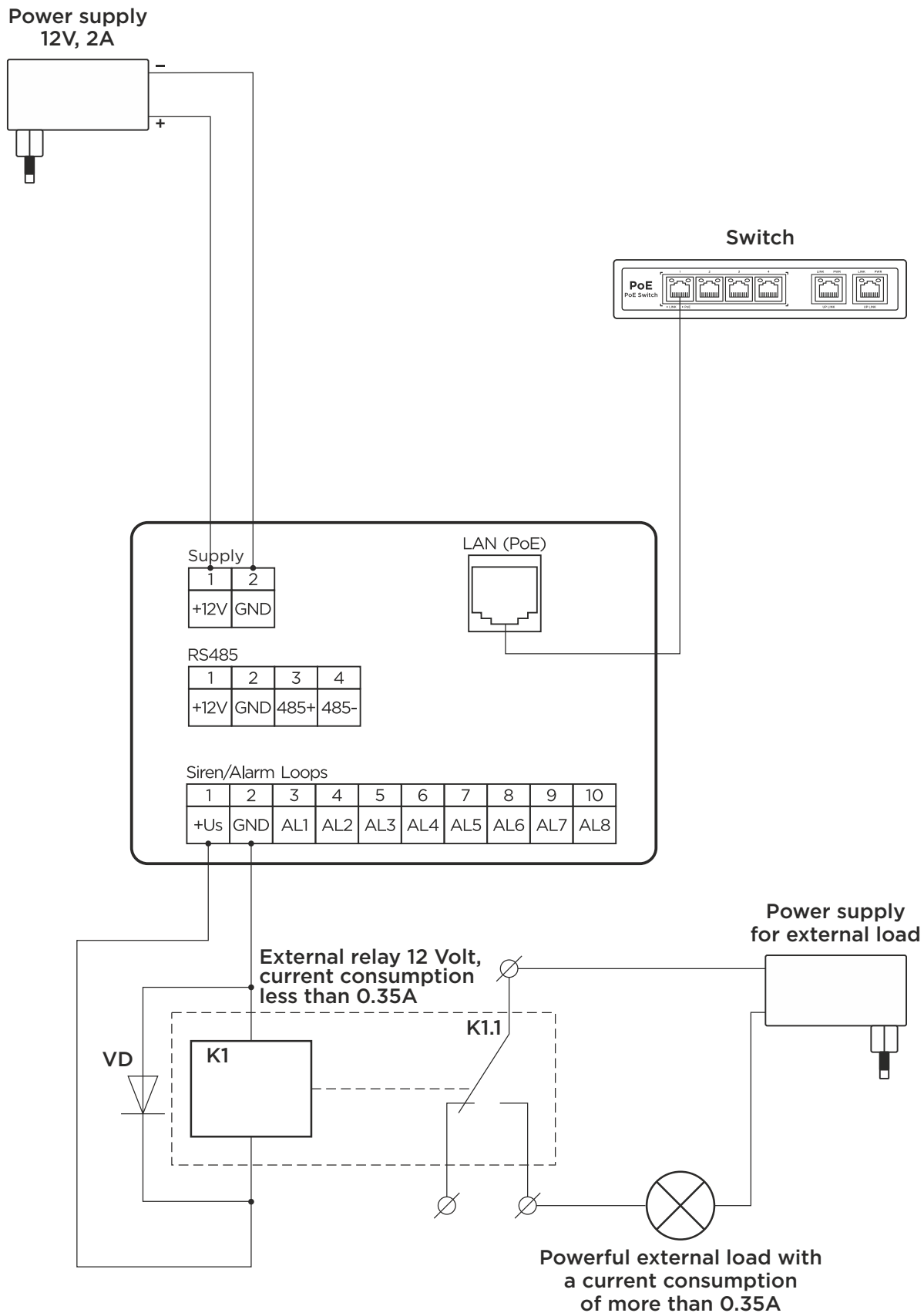
To connect monitor you will need:

• An Ethernet UTP CAT5 or higher cable connected to a PoE switch or to a normal switch/router.
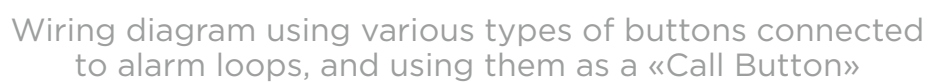
> **Cable length recommendations**
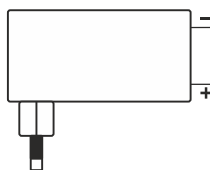> The maximum length of the UTP CAT5 cable segment shouldnot exceed 100 meters, according to the IEEE 802.3 standard.

• Power supply at +12 Volts DC if there isn't PoE.
• Wires must be brought for the connection of alarm loops and home automation (optional).

![bas IP logo]

Power supply
12V, 2A

−
+

Switch

PoE
PoE Switch

Supply

1	2
+12V	GND

LAN (PoE)

RS485

1	2	3	4
+12V	GND	485+	485-

Siren/Alarm Loops

1	2	3	4	5	6	7	8	9	10
+Us	GND	AL1	AL2	AL3	AL4	AL5	AL6	AL7	AL8

Power supply
for external load

**External relay 12 Volt,
current consumption
less than 0.35A**

K1.1

VD

K1

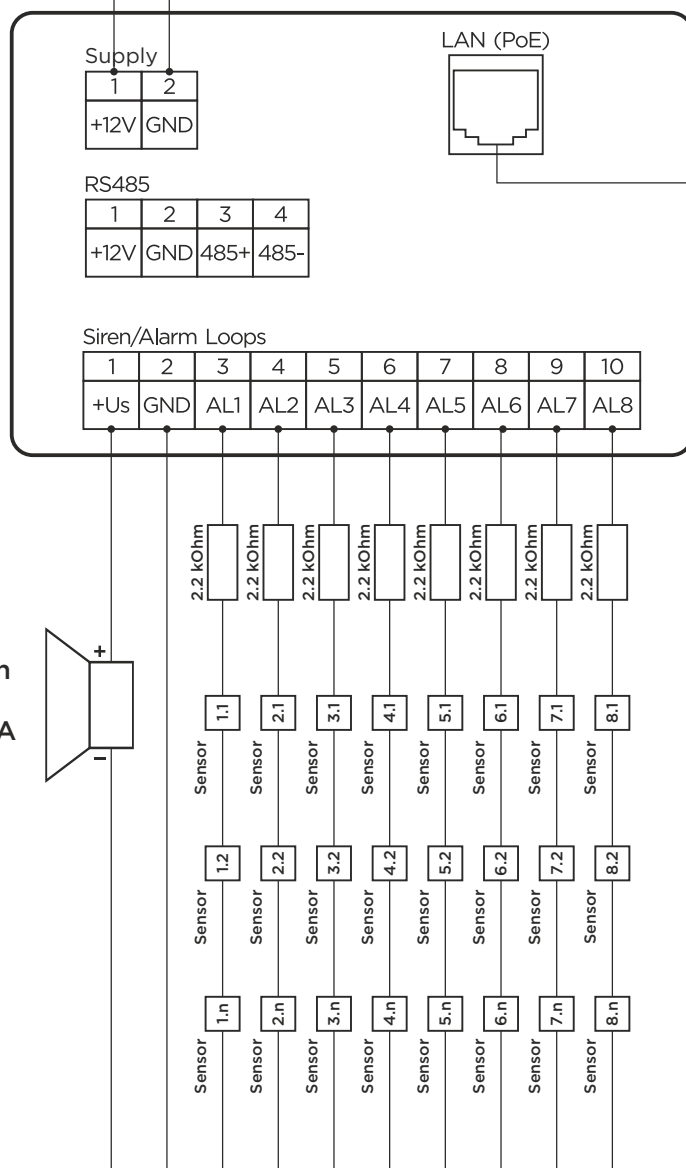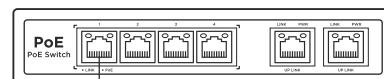**Powerful external load with
a current consumption
of more than 0.35A**

Using the siren output as a controlled output, to control devices
or any other external load with high current consumption

Power supply
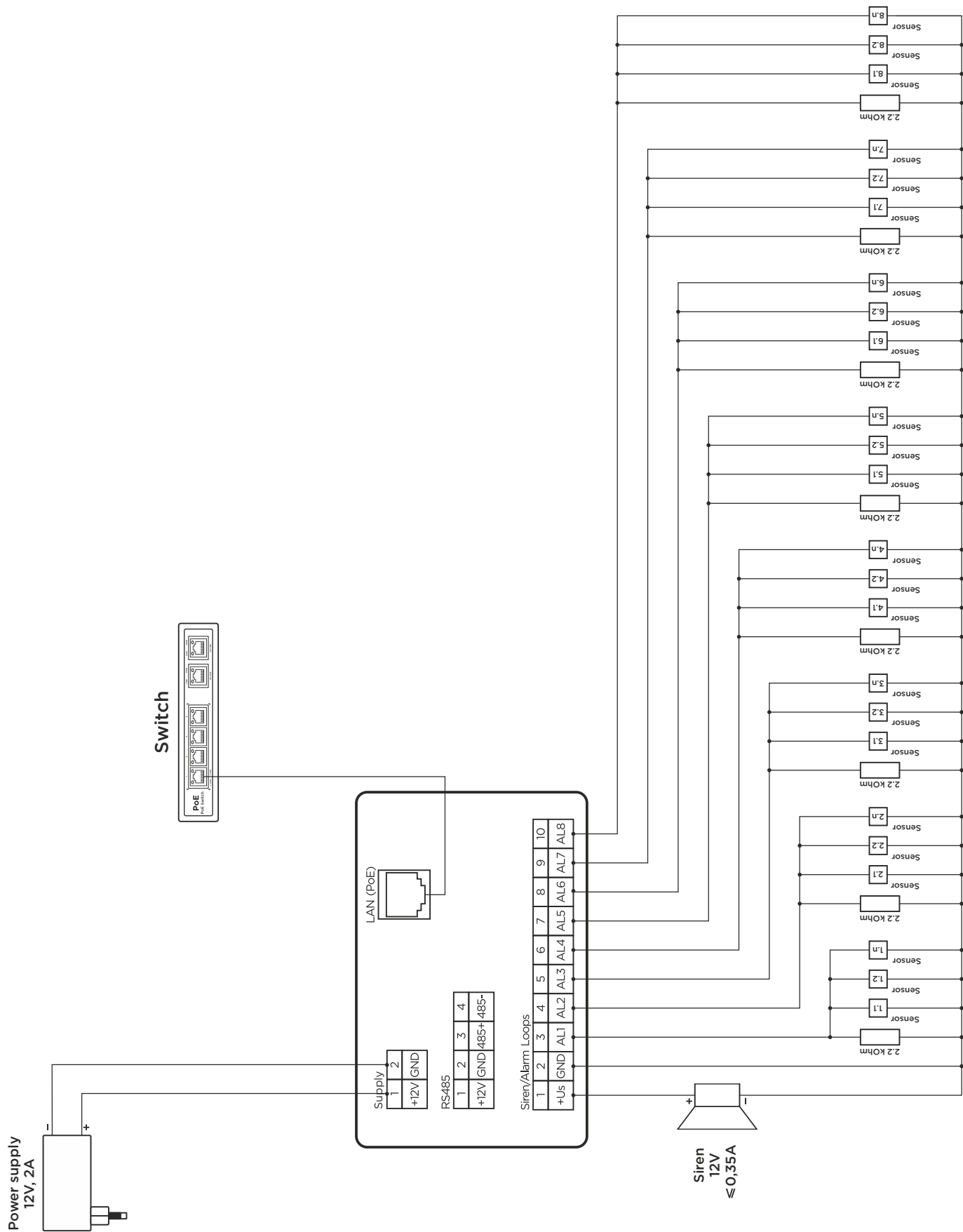12V, 2A

−
+

Switch

PoE
PoE Switch

Supply

1	2
+12V	GND

LAN (PoE)

RS485

1	2	3	4
+12V	GND	485+	485-

Siren/Alarm Loops

1	2	3	4	5	6	7	8	9	10
+Us	GND	AL1	AL2	AL3	AL4	AL5	AL6	AL7	AL8

+12V
⊥
485+
485-

**Expansion module
SH-16**

**Bell button
normal**

⊥   Lock
+12V

**Universal button
SH-47T**

⊥
+12V

Button SH-45

⊥   Lock
+12V

Button SH-45T

⊥   Lock
+12V

**Bell button
SH-46T**

Wiring diagram using various types of buttons connected
to alarm loops, and using them as a «Call Button»

Wiring diagram for security alarm sensors with NC - normally closed contact types

UK CA

EAC

CE

Switch

PoE
PoE Switch

Power supply
12V, 2A

LAN (PoE)

Supply
1	2
+12V	GND

RS485
1	2	3	4
+12V	GND	485+	485-

Siren/Alarm Loops
1	2	3	4	5	6	7	8	9	10
+Us	GND	AL1	AL2	AL3	AL4	AL5	AL6	AL7	AL8

Siren
12V
≤0,35 A

Sensor 8.n
Sensor 8.2
Sensor 8.1
2.2 kOhm

Sensor 7.n
Sensor 7.2
Sensor 7.1
2.2 kOhm

Sensor 6.n
Sensor 6.2
Sensor 6.1
2.2 kOhm

Sensor 5.n
Sensor 5.2
Sensor 5.1
2.2 kOhm

Sensor 4.n
Sensor 4.2
Sensor 4.1
2.2 kOhm

Sensor 3.n
Sensor 3.2
Sensor 3.1
2.2 kOhm

Sensor 2.n
Sensor 2.2
Sensor 2.1
2.2 kOhm

Sensor 1.n
Sensor 1.2
Sensor 1.1
2.2 kOhm

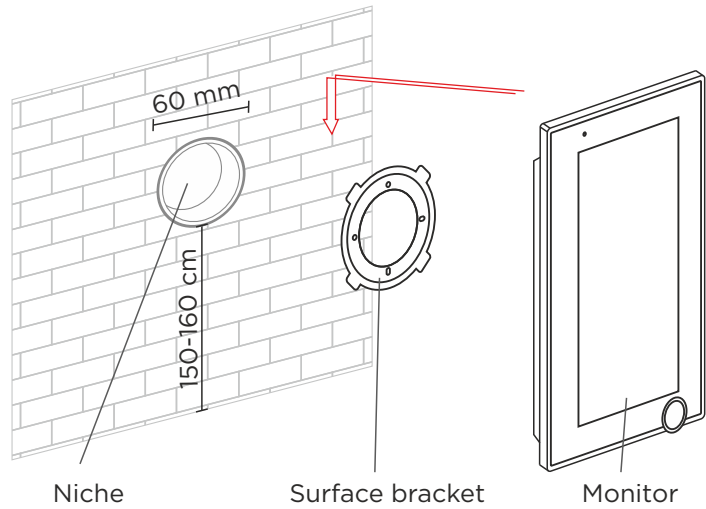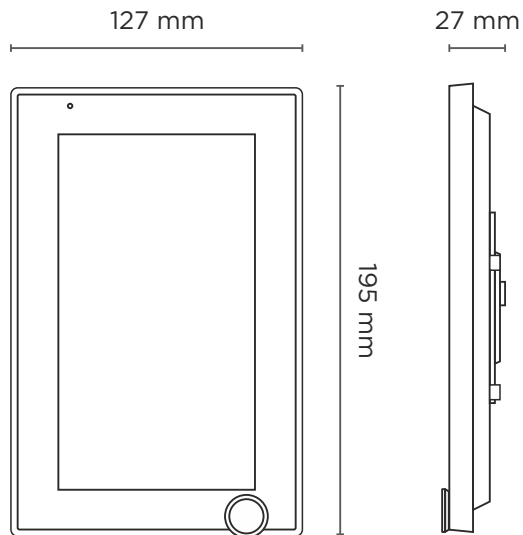Wiring diagram for security alarm sensors with NO – normally open contact types

Appearance and mechanical mounting

Before installation of a monitor, it is necessary to drill a hole or a recess into a wall with a 68 mm (2.68in) diameter under the standard mounting box for a 65x45 mm (2.56x2.13in) socket. It is necessary for switching of wires and installation of the monitor.
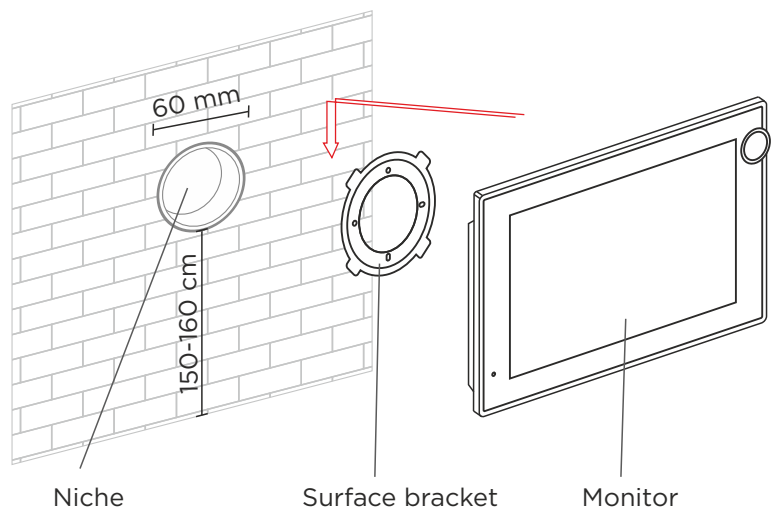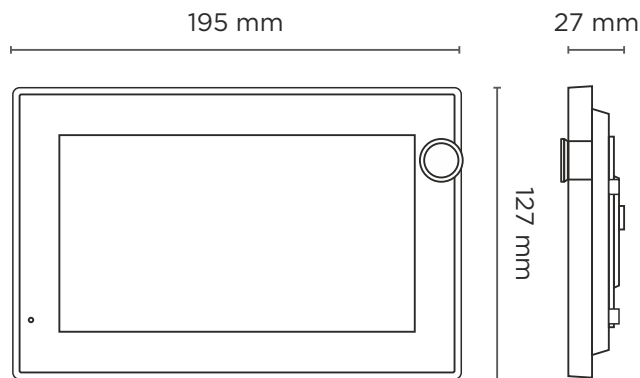
Attach the bracket in the outlet box using set screws and a phillips head screwdriver.

Installation of the monitor on the bracket is done from top to bottom.

Vertical mounting

127 mm

27 mm

195 mm

60 mm

150-160 cm

Niche

Surface bracket

Monitor

Horizontal mounting

195 mm

27 mm

127 mm

60 mm

150-160 cm

Niche

Surface bracket

Monitor

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

Notes

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www.bas-ip.com