# AU-04LAF

bas IP

Main features

- **Display:** 4.3" TFT LCD, capacitive touchscreen.
- **Screen resolution:** 480 x 272.
- **Built-in camera:** No.
- **Supported network protocol type:** IPv4.
- **Network connection:** 1 PoE port IEEE 802.3af.
- **Wi-Fi:** 2.4GHz (IEEE 802.11b/g/n)
- **Supported codec type:** G.711µ / G.711a
- **Power:** PoE and + 12 V DC.
- **Power consumption:** 6 W, standby 2.5 W.
- **Dimensions:** 135 x 185 x 30 mm.
- **Colors:** White, black.
- **Body:** Plastic.
- **Installation Type:** Wall mount.

# IP INDOOR VIDEO ENTRY PHONE

AU-04LAF
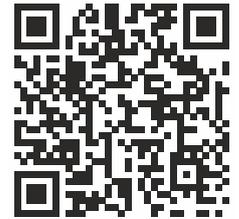
Full User Manual
wiki.bas-ip.com

Device description

One of the interesting features of the AU-04LAF is the ability to connect an additional SP-AU handset. This solution is ideal for those who want privacy in their conversations.

Control of the intercom is possible with the help of mechanical keys and a touch screen. Classic black and white body color suitable for any style of interior.

Appearance
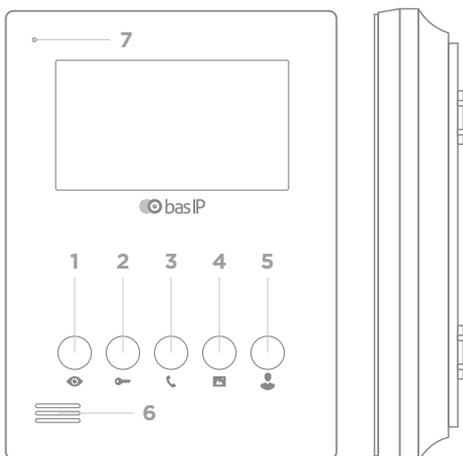
1 - Monitoring.
2 - Open.
3 - Call.
4 - Photo frame mode.
5 - Concierge.
6 - Loudspeaker.
7 - Microphone.

UK CA   EHL   CE

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
A set of wires with connectors for connecting alarm loops and home automation	1 pc
Resistors for alarm loops	4 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 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 Volts DC if there isn't PoE.
• Wires must be brought for the connection of alarm loops and home automation (optional).

Power   LAN (PoE)   Siren/Alarm Loops

(+) ● (-)
+12 Volts DC

1	+U
2	GND
3	AL1
4	AL2
5	AL3
6	AL4

RS 485

1	+12V
2	GND
3	485+
4	485-
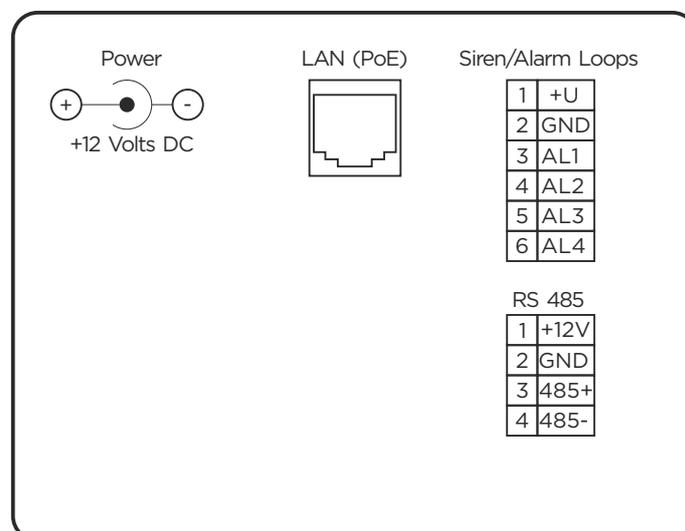
The connection scheme of all components

bas IP

**Power supply
12V, 2A**

−

+

Switch

PoE
PoE Switch

Power

LAN (PoE)

Siren/Alarm Loops

1	+U
2	GND
3	AL1
4	AL2
5	AL3
6	AL4

+   −

+12 Volts DC

RS 485

1	+12V
2	GND
3	485+
4	485−

**Power supply
for external load**

K1.1

K1

VD

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

**Powerful external load with
a current consumption
of more than 0.35A**
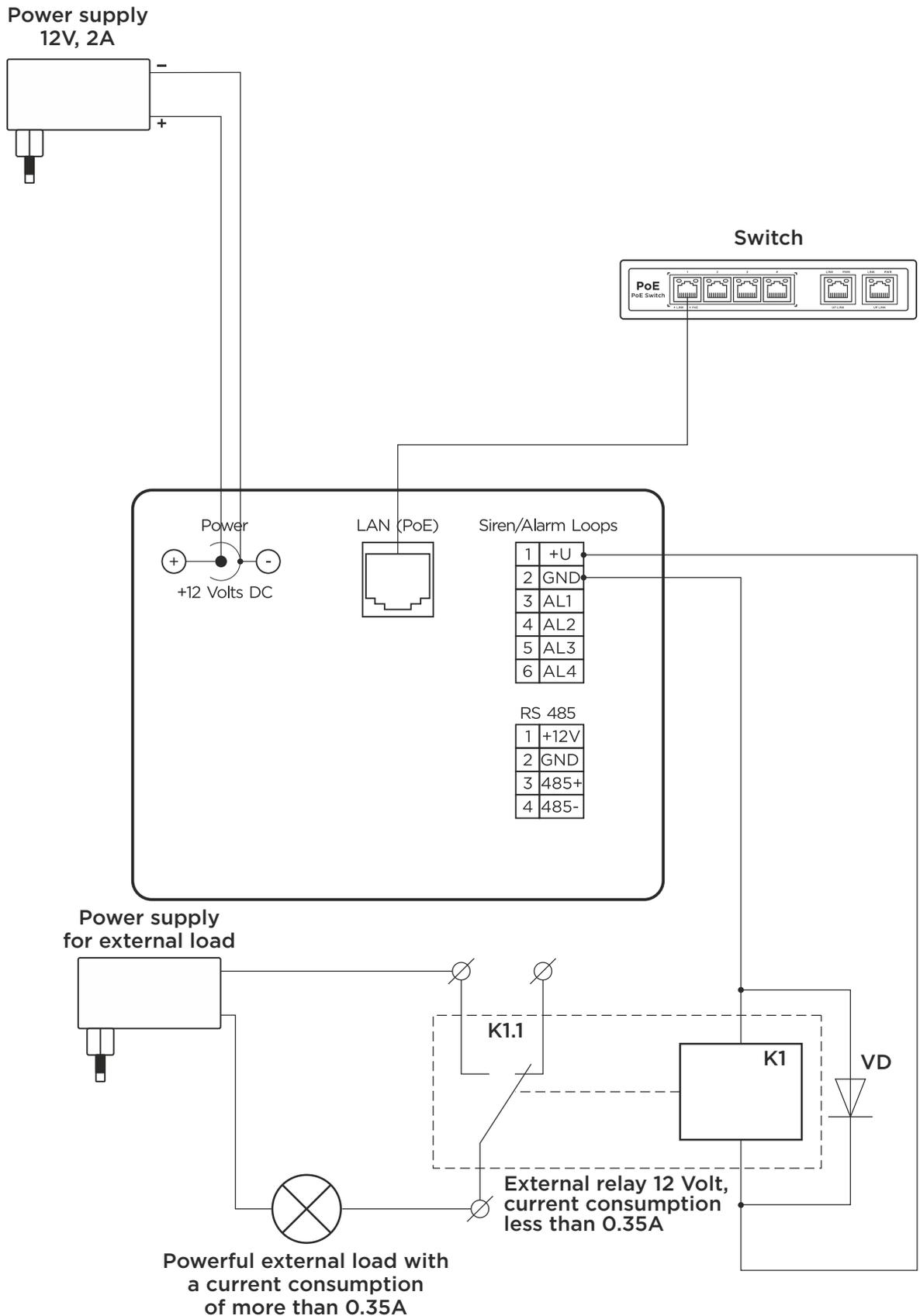
Scheme for connecting external controlled devices or connecting
a powerful external load to the siren output using
an external additional relay

EAN: 5060514914939 (BLACK)   EAN: 5060514914946 (WHITE)

UKCA EAC CE

**Power supply
12V, 2A**

−

+

Switch

PoE
PoE Switch

Power   LAN (PoE)   Siren/Alarm Loops

+   − | 1 | +U |
                                          | 2 | GND |
+12 Volts DC | 3 | AL1 |
                                          | 4 | AL2 |
                                          | 5 | AL3 |
                                          | 6 | AL4 |

RS 485

1	+12V
2	GND
3	485+
4	485−

+12V
⊥
485+
485−

**Expansion module
SH-16**

**Bell button
normal**

Lock   ⊥

**Buttons SH-45T
SH-46T
SH-47T**   +12 V

+12 V

Button SH-45
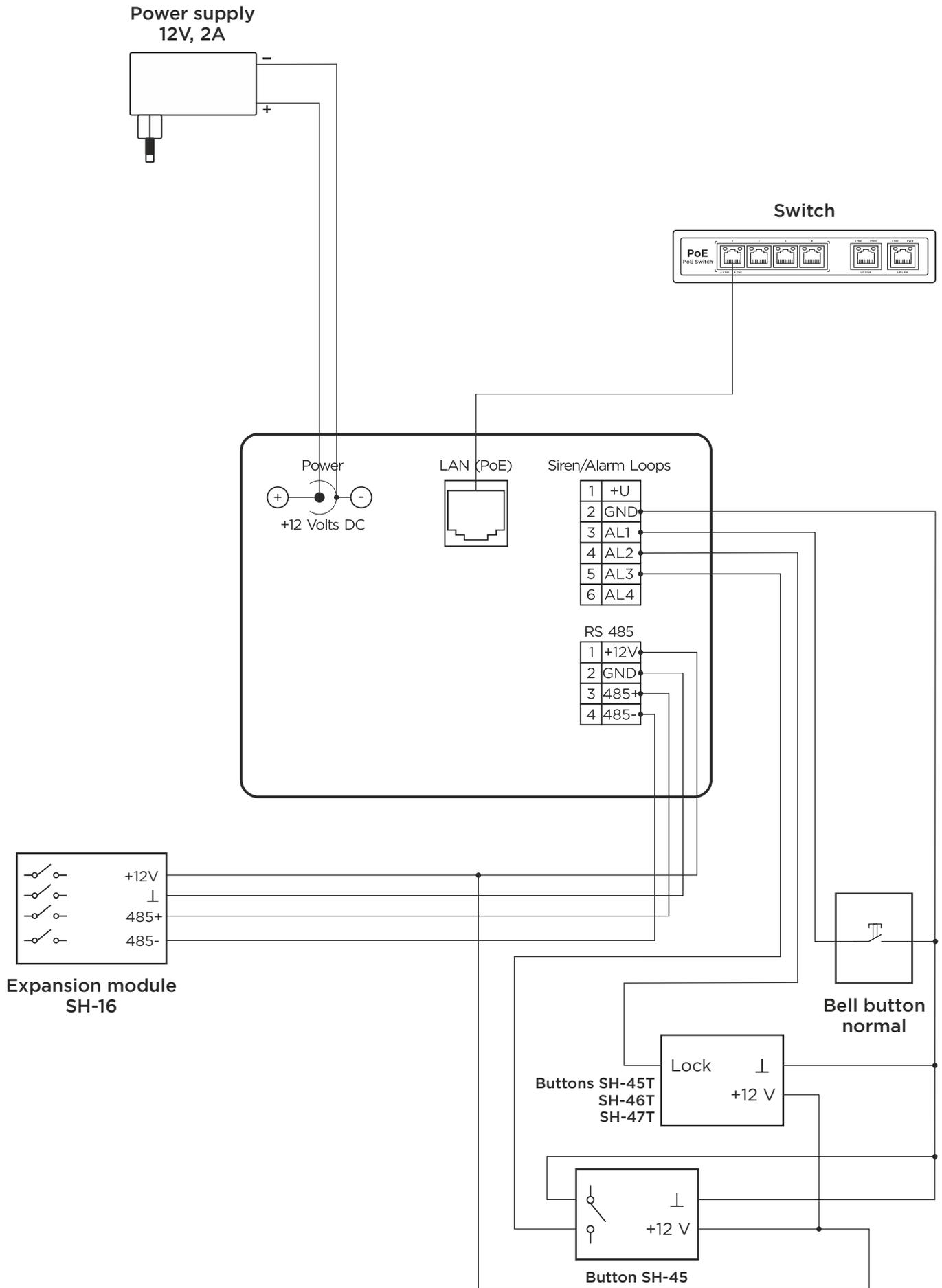
Wiring diagram using various types of buttons connected
to alarm loops, and using them as a «Call Button»

bas IP

Power supply
12V, 2A

−
+

Switch

PoE
PoE Switch

Power

+ −
+12 Volts DC

LAN (PoE)

Siren/Alarm Loops

1	+U
2	GND
3	AL1
4	AL2
5	AL3
6	AL4

RS 485

1	+12V
2	GND
3	485+
4	485−

2.2 kOhm
2.2 kOhm
2.2 kOhm
2.2 kOhm

Siren
12V
≤ 0,35A

+
−

Sensor 1.1
Sensor 2.1
Sensor 3.1
Sensor 4.1

Sensor 1.2
Sensor 2.2
Sensor 3.2
Sensor 4.2

Sensor 1.n
Sensor 2.n
Sensor 3.n
Sensor 4.n
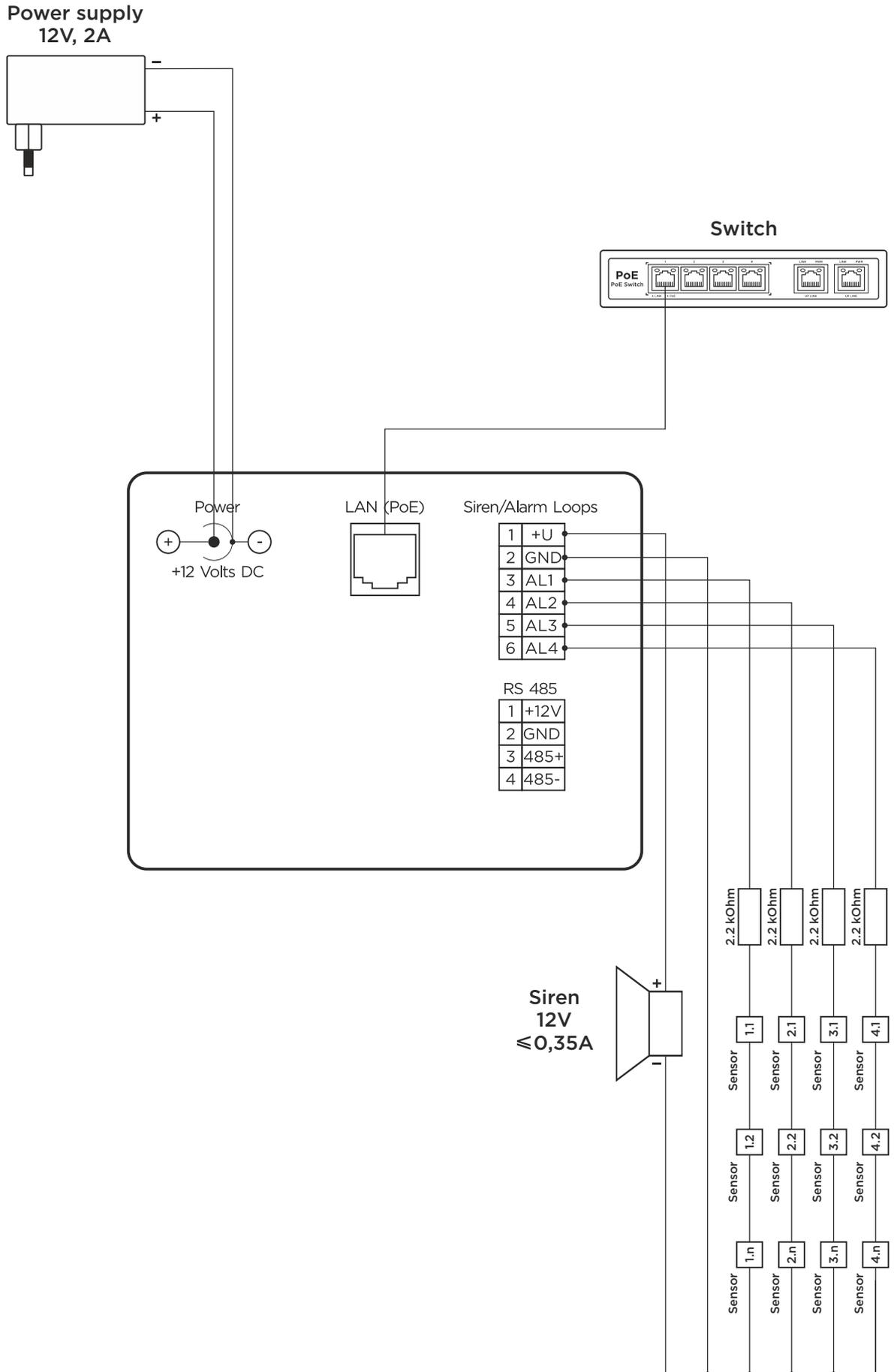
Wiring diagram for security alarm sensors with NC -
normally closed contact types

UK CA   EAC   CE

Power supply
12V, 2A

−
+

Switch

PoE
PoE Switch

Power

+ −
+12 Volts DC

LAN (PoE)

Siren/Alarm Loops

1	+U
2	GND
3	AL1
4	AL2
5	AL3
6	AL4

RS 485

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

Siren
12V
≤0,35A

+

−

2.2 kOhm
Sensor 1.1
Sensor 1.2
Sensor 1.n

2.2 kOhm
Sensor 2.1
Sensor 2.2
Sensor 2.n

2.2 kOhm
Sensor 3.1
Sensor 3.2
Sensor 3.n

2.2 kOhm
Sensor 4.1
Sensor 4.2
Sensor 4.n
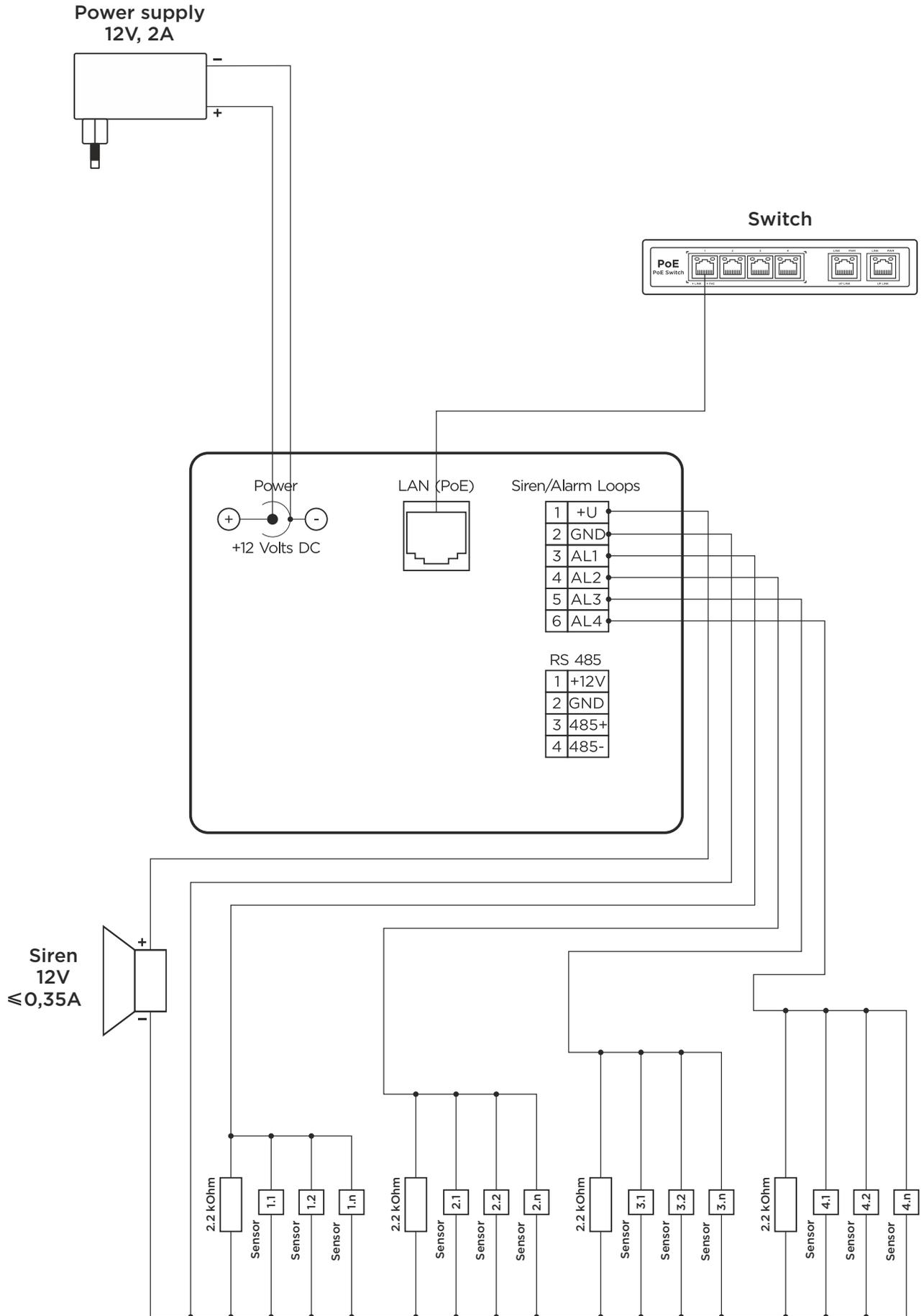
Wiring diagram for security alarm sensors with NO -
normally open contact types

Mechanical mounting

Before installing the monitor, you must provide a hole or recess in the wall with a diameter of 68 mm. The center distance between the screws 60 mm. This is necessary for switching wires and mounting the monitor.

The bracket is fixed in the socket by using the supplied screws and a cross-head screwdriver.

The monitor is mounted on the bracket from top to bottom.

Niche	Screws	Monitor
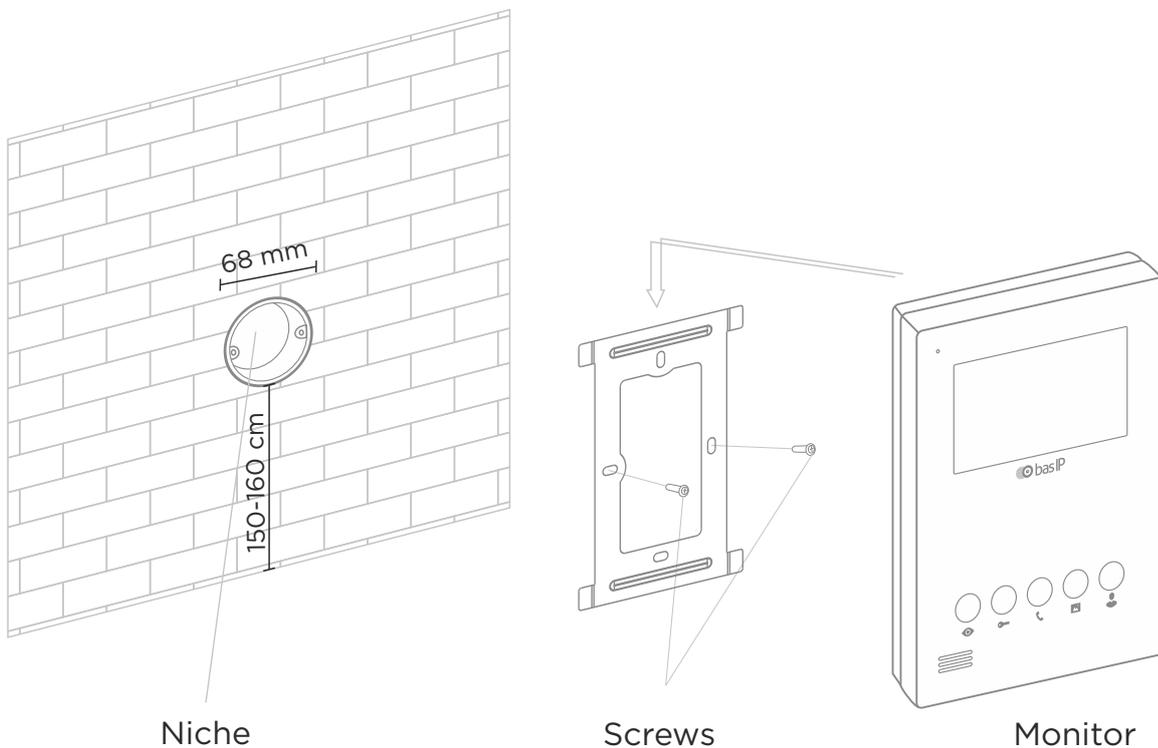
Monitor
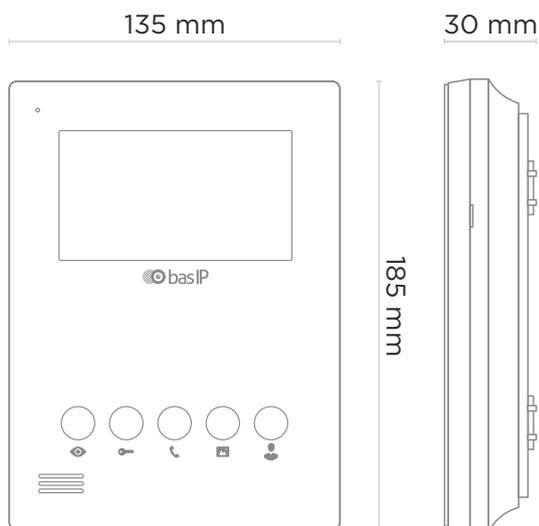
Bracket
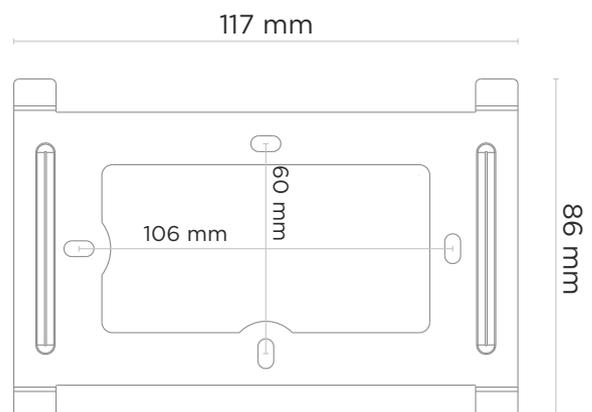
Warranty

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