basIP

AA-07BDI

ENTRANCE PANEL



Description

AA-07BDI SILVER is a multi-apartment panel featuring a 4.3" TFT display, a 16-button backlit mechanical keypad, and multi-format reader with UKEY support, making it an excellent choice for apartment complexes, office buildings, and gated communities.

A standout feature of this model is the female TRS socket for connecting an external induction loop, enhancing accessibility for users with hearing impairments. The panel supports both 12 V DC and PoE (IEEE 802.3af) power options, ensuring flexible and simplified installation across various environments.

Specifications

Panel type	**Multi-apartment**
Display	**4.3'' TFT, color with backlight**
Keyboard	**Backlight mechanical buttons**
Camera	**1/4"**
Resolution	**2 Mpx**
Camera angle	**110° (horizontal)**
Output video	**HD (1280 × 720), H.264 Main Profile**
Night backlight	**6 LEDs**
Light sensitivity	**0,01 LuX**
Protection class	**IP65**
IK-Code	**IK07**
Working temperature	**-40 — +65 °C**
Power consumption	**6.5 W, in standby — 3.6 W**
Power supply	**+12 V DC and PoE IEEE802.3af**
Body	**Aluminum alloy**
Colors	**Silver**
Size of the pane	**155 × 375 × 55 mm**
Installation	**Flush mounting / Surface mounting with BR-AA7C outdoor bracket (optional).**

Main features

- 4.3" color display
- IP65 weatherproof design
- Output for induction loop connection (hearing impaired)
- Elevator control integration
- Flexible power supply: PoE / 12V DC
- Convenient concierge calling
- Customizable access rules
- Open API for easy integration
- Multi-format reader with UKEY mobile access (EM-Marin, MIFARE, NFC, BLE)
- Link software support

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

Version: 1.0 - 2025-06

Functional capabilities

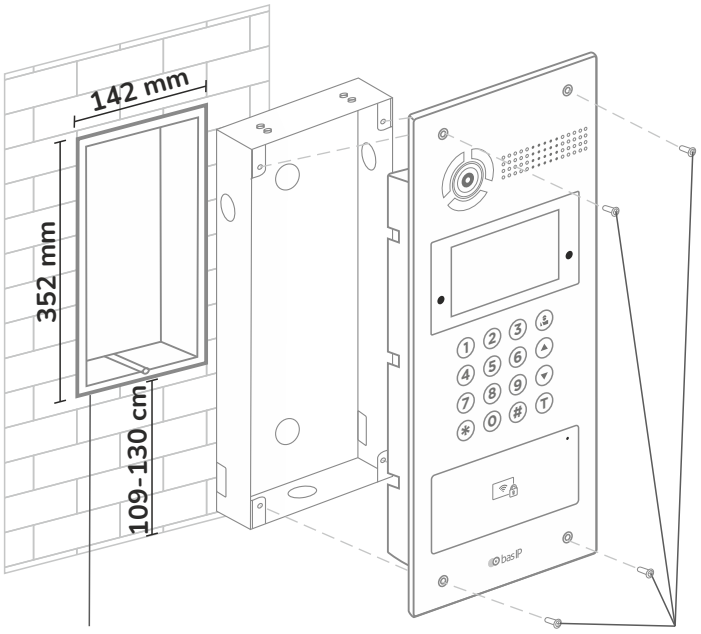
Interface	**Multi-language graphical and WEB interface**
Lock opening	**Via monitor** **Access card** **PIN** **Guest link** **Car plate ID** **UKEY app** **Link app** **Apple Watch unlock (via Link App Plus)** **Via API**
Identifiers in the panel memory (QR codes, cards, key fobs, UKEY, access codes)	**20 000**
Integration with ACS	**Wiegand**
Built-in Wiegand output for card, key fob, and UKEY identifiers	**26, 32, 34, 37, 40, 42, 56, 58, 64, 80 bits**
Connection of the additional SH-12 module and its support	**Wiegand input: from 6 to 128 bits inclusive** **Wiegand output for card, key fob, UKEY, QR, Face, Digital code, and all other types of identifiers: from 26 to 128 bits inclusive.**
Output for connecting an external induction loop for the hearing impaired	**Low-frequency Audio signal 1.2V; 8.2 kOhm.** **Socket (female) TRS**
Supported Protocols	**SIP 2.0, P2P, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP, DHCP, IPV4, ARP, ICMP, ONVIF**
Access Control	**Built in Relay, Locks control, Supports additional 1-8 locks via SH-42 series expansion modules**
Event Managemen	**Log history, Syslog Server support, Photo snapshots sent to the server when triggered**
System & Device Settings	**Server-based access control, Backup and restore, Remote firmware updates, Password management**
Additional Features	**Customizable notification sounds, Open API, Link Software support**

Color variations



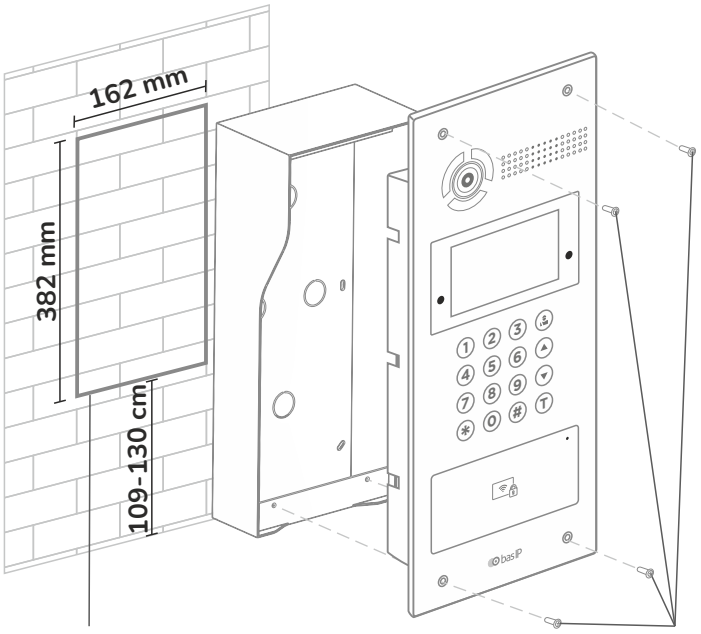
SILVER

Flush mounting



Niche Outdoor Panel Screws

Surface mounting
(BR-AA7C bracket)



Mounting area Outdoor Panel Screws

Outdoor Surface Bracket BR-AA7C is not included in the standard package and must be purchased separately.