

A13S

Mullion Size All-in-one Access Control Terminal

The Akuvox A13S is a slim, all-in-one access control terminal that integrates door controller and card reader to save space and cost. It supports flexible credentials including PIN, RFID, Bluetooth, and mobile access.

- 45mm mullion size
- OSDP
- PIN&Card&BLE All-in-one
- IP65
- PoE
- IK07

Key Benefits

45mm Ultra-Narrow Design — Sleek Yet Powerful
The A13S achieves an ultra-slim 45mm-wide body that slips effortlessly into standard door frames and the narrowest of mullions. The minimalist exterior is paired with full PIN, card, and BLE authentication, alongside IP65 and IK07 protection, delivering a perfect balance of refined aesthetics and everyday reliability.

Ultra-Low Power with PoE Pass-Through — Simplified Cabling, Lower Cost
Whether powered via PoE or DC 12V input, the A13S can simultaneously supply 12V output to power a door lock or external reader through its one-in-one-out power architecture. A single PoE cable carries both data and power to the device, eliminating the need for separate power adapters and extra wiring on site. This allows installers to significantly reduce cabling, greatly lowering both material and labor costs.

Triple Authentication, One Terminal — PIN / Card / BLE All-in-One
The A13S integrates PIN, card, and BLE authentication into a single compact device, covering every access scenario from daily staff to residential visitors and temporary guests. It supports 13.56MHz and 125kHz RFID cards (MIFARE / DESFire EV2/EV3), Bluetooth 5.0 touchless unlock, and PIN codes with temporary visitor authorization. With 100,000-card capacity and a clean all-in-one design, one terminal replaces multiple devices—reducing equipment investment while elevating the user experience.

All-Weather Extreme Durability : Always reliable
With IP65 waterproof and dustproof rating, IK07 impact resistance, and support for wide-temperature operation, A13S withstands rain, dust, vandalism, and extreme climates. It remains steadfast and dependable year-round, protecting your property in any environment.

Specifications

Physical & Power

Body Material	Plastic
White LED	Support
Wiegand port	1ch input/output(selectable)
RS485 port	Support
RF card reader	125kHz, 13.56MHz, NFC (only Android)
Relays out	1
Inputs	3
Speaker	1
BLE	Support BT5.0, compatable with Smart Plus
Tamper alarm	Support
Ethernet port	RJ45, 10/100Mbps adaptive
PoE	802.3at Power-over-Ethernet
Power In	12VDC / 1A
Power Out	12VDC / 0.6A (max.)
IP Rating	IP65
IK Rating	IK07
Dimension (HxWxD)	140x45x27 mm
Installation	Wall-mounted / Flush-mounted
Working Humidity	10~90%
Working Temperature	-40°C ~ +55°C
Storage Temperature	-40°C ~ +70°C

Specifications

Door Entry Feature

Access Methods	RF Card, PIN, BLE & Mobile
Access Control	Access group Support switch to reader mode Flexible shift scheduling and attendance management

Capacity

User	20,000
Card	100,000
PIN	20,000
Access Log	100,000

Card Type

MIFARE Card
ID Card
DESFire Card (EV2/EV3)
Felica card

Networking & Protocol

Supported Protocols	IPv4, HTTP, HTTPS, FTP, DNS, NTP, TCP, UDP, ICMP, DHCP, ARP

Deployment & Maintenance

Auto-Provisioning
Web management portal
Configuration backup / restore
Firmware upgrade
System logs (include door access logs)

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