

A15S

The 4.59-Inch Facial Recognition Mullion Access Control Terminal

Akuvox's A15S is a slim access control terminal that combines door controller and card reader in one device saving much cost for building operators. It offers flexible credentials, including Face, PIN code, RFID cards, QR scanning, Bluetooth and mobile access.



- 2MP Camera
- OSDP
- Touch Screen
- IP65
- PoE+
- IK07

Key Benefits

Compact Size, Powerful Performance

For the first time on an access control terminal, the A15S achieves an ultra-narrow bezel combined with an integrated screen, seamlessly packing display and touch functions into a compact frame. Core features such as facial recognition, video intercom, and multi-protocol communication remain fully operational, delivering a perfect balance of sleek design and high performance.

Six Unlock Modes, Rich Interfaces

The A15S integrates multi-modal access options including face recognition, PIN, card swiping, QR code, Bluetooth and Mobile, catering to diverse user preferences and usage scenarios. It also provides Wiegand, RS485, and dual relay interfaces for seamless connection with various third-party access control systems. Whether for new installations or retrofit projects, this single terminal enables flexible and convenient deployment.

Power Pass-Through Design

Whether using PoE+ or a DC power input, the A15S can simultaneously supply power to peripherals such as a door lock or card reader through its one-in-one-out power architecture. This allows installers to significantly reduce cabling, greatly lowering both material and labor costs.

All-Weather Extreme Durability : Always reliable

With IP65 waterproof and dustproof rating, IK07 impact resistance, and support for wide-temperature operation, A15 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
Main Camera	2M pixels, automatic lighting
Auxiliary Camera	2M pixels, automatic lighting
Display	4.59 Inch LCD, 320x960, touchable
Light sensor	Support
Infrared (IR) LED	Support
White LED	Support
Wiegand port	1ch input/output(selectable)
RS485 port	Support
RF card reader	13.56MHz, NFC (only Android)
Relays out	2
Inputs	4
Microphone	1
Speaker	1
BLE	Support BT5.0, compatible with Smart Plus
Tamper alarm	Support
Ethernet port	RJ45, 10/100Mbps adaptive
PoE	802.3at Power-over-Ethernet
Power In	12VDC / 2A
Power Out	12VDC / 0.5A (max.) if PoE+ input 12VDC / 1A (max.) if DC input
IP Rating	IP65
IK Rating	IK07
Dimension (HxWxD)	170x50x27.9 mm
Installation	Wall-mounted / Flush-mounted
Working Humidity	10% ~ 90%RH
Working Temperature	-20°C ~ +55°C
Storage Temperature	-30°C ~ +70°C

Specifications

Video

Sensor	1/2.9", CMOS
Pixels	CIF, VGA, 4CIF, 720p, 1080p
Video codec	H.264
Video resolution	up to 1920x1080
Max. image transfer rate	1080 pixels – 30fps
Viewing angle	81°(H) / 47°(V)
	Compatible to 3rdparty video components, e.g. NVRs

Audio

Protocol	SIP v1 (RFC2543), SIP v2 (RFC3261)
Narrowband audio codec	G.711a, G.711μ
Wideband audio codec	G.722
DTMF	In-band, out-of-band DTMF (RFC2833), SIP Info
	Echo Cancellation
	Voice Activation Detection
	Comfort Noise Generator

Door Entry Feature

Access Methods	Face, MIRARE Card, PIN, QR code, BLE & Mobile
Face Recognition Speed	< 200ms
Face recognition Accuracy	99.7%
Access Control	Individual relay control via DTMF tones for secure door or gate operation
Continuous Monitoring	Always-on camera for real-time entry surveillance

Capacity

User	5,000
Face	5,000
Card	25,000
PIN	5,000
Access Log	20,000

Deployment & Maintenance

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

Card Type

MIFARE Card
DESFire Card (EV2/EV3)
Felica card

Networking & Protocol

Protocols support

IPv4, HTTP, HTTPS, FTP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP

Accessory



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