4.95-inch Facial Recognition Mullion Access Control Terminal

The Akuvox A15 4.95-inch Facial Recognition Mullion Access Control Terminal combines facial recognition, RFID, QR code, Bluetooth, mobile, and PIN credentials in a compact mullion-style access control terminal with a 4.59-inch touchscreen and 2MP HDR camera. With rapid biometric recognition, anti-spoofing protection, dual relay outputs, and IP65/IK07-rated protection, it provides flexible door access for commercial, residential, and multi-tenant installations.

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, compatable 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

Deployment & Maintenance

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

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

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