

# 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<br>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

