

***Perfect choice for Access Control***

Akuvox's S535 is crafted to deliver an eye-catching and user-friendly experience. Equipped with a host of advanced features, it serves as an entirely adaptable solution for managing access control for residents and visitors in a variety of settings, including condominiums, apartment complexes, office spaces, gated residential areas, and industrial facilities.

***At a Glance***

- Aluminum panel with 5inch touchscreen;
- Linux operation system;
- Wide-angle camera: 116° (H), 62° (V);
- Two-way audio communication over IP networks with Echo Cancel feature;
- Multi-way access feature including: Face, EM/Mifare Card, PIN, BLE & QR code;
- Support expandable module: LTE or Fingerprint or Induction Loop;
- Flush-mounted & surface-mounted;
- Complies with SIP & ONVIF;

**Physical & Power**

- |  |  |
|--|--|
| • Front Panel: Aluminum                          | • BLE: Support BT5.0                         |
| • Display: 5 Inch IPS LCD                        | • Tamper Alarm: Support                      |
| • Main Camera: 2M pixels, auto-lighting          | • Expandable Module: Support                 |
| • Light Sensor: Support                          | • Ethernet Port: 1xRJ45, 10/100Mbps adaptive |
| • Motion Sensor: Support                         | • 802.3at Power-over-Ethernet                |
| • Wiegand Port: 1ch input/output(selectable)     | • Power supply: DC 12V / 4A (max.)           |
| • RS485 Port: Support                            | • IP Rating: IP66                            |
| • RF reader: 13.56MHz&125kHz, NFC (only Android) | • IK Rating: IK08                            |
| • Relays Out: 1                                  | • Installation: Flush-mounted & Wall-mounted |
| • Inputs: 2                                      | • Dimension (HxWxD):210x100x27mm             |
| • Microphone: 1                                  | • Working Humidity: 10~90%                   |
| • Speaker: 1                                     | • Working Temperature: -40°C ~ +55°C         |
| • Reset: 1                                       | • Storage Temperature: -40°C ~ +70°C         |

## Audio

- 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

## Video

- Sensor: 1/2.9", CMOS for main camera
- Pixels: CIF, QCIF, VGA, 4CIF, 720p, 1080p
- Video codec: H.264
- Video technology: HDR
- Video resolution: up to 1920x1080
- Max. image transfer rate: 1080p – 30fps
- Viewing angle: 110°(H) / 62°(V)
- Compatible to 3<sup>rd</sup>-Party-Video components, e.g. NVRs

## Networking & Protocol

- Protocols support: IPv4, HTTP, HTTPS, FTP, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP

## Door Entry Feature

- Relays controlled individually by DTMF tones
- Multi-way Unlock: Face, EM/Mifare Card, PIN, BLE & QR code
- Camera permanently operational
- White balance: auto
- Minimum illumination: 0.1LUX

## Capacity

- User: 20,000
- Face Templates: 20,000
- Card: 100,000
- PIN: 50,000

## Card Type

- EM card
- Mifare card
- DesFire card (EV2/EV3)
- Felica card

## Deployment & Maintenance

- Auto-Provisioning
- Web management portal
- Web-based packet dump
- Configuration backup / restore
- Entry log export
- Access table export / import
- Firmware upgrade
- System logs (include door access logs)