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 5-inch touchscreen;**
- **Linux operation system;**
- **Wide-angle camera: 110º (H), 62º (V);**
- **Two-way audio communication over IP networks with Echo Cancellation feature;**
- **Multi-way access feature including: Face, EM/MIFARE Card, PIN, BLE & QR code;**
- **Features a 12V/500mA power output;**
- **Support expandable module: LTE or Fingerprint or Induction Loop;**
- **Flush-mounted & surface-mounted;**
- **Complies with SIP;**

Physical & Power

- Front Panel: Aluminum
- Display: 5 Inch IPS LCD, 720X1280
- Main Camera: 2M pixels, auto-lighting
- Auxiliary Camera: 2M pixels, auto-lighting
- Light Sensor: Support
- Motion Sensor: Support
- Wiegand Port: 1ch input/output(selectable)
- RS485 Port: Support
- RF reader: 13.56MHz&125kHz, NFC
- Relays Out: 1
- Inputs: 2
- Microphone: 1
- Speaker: 1
- Reset: 1
- Infrared (IR) LED: Support
- White Light LED: Support
- BLE: Support BT5.0
- Tamper Alarm: Support
- Expandable Module: Support
- Ethernet Port: 1xRJ45, 10/100Mbps adaptive
- 802.3at Power-over-Ethernet
- Power supply: DC 12V / 3A
- IP Rating: IP66
- IK Rating: IK08
- Installation: Flush-mounted & Wall-mounted
- Dimension (HxWxD):210x100x27mm
- Working Humidity: 10~90%
- Working Temperature: -40°C ~ +55°C
- Storage Temperature: -40°C ~ +70°C

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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 3rd-Party-Video components, e.g. NVRs

Card Type

- EM card
- MIFARE card
- DESFire card（EV2/EV3）
- Felica card

Capacity

- User: 20,000
- Contact： 20,000
- Card: 100,000
- PIN: 100,000
- Face Templates: 20,000
- Finger Templates: 20,000 (with Finger module)

Networking & Protocol

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

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

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
- Face Recognition Speed: < 200ms
- Face Recognition Accuracy: 99.7%

Deployment & Maintenance

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

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