Perfect choice for Access Control

Akuvox's S538 is designed to provide a visually stunning and intuitive user-experience. It brings a number of innovative new features to provide a fully customizable solution for tenants and visitors access control in condominiums, apartment buildings, office buildings, gated communities and industrial buildings.



At a Glance

- **Aluminum panel with 8inch touchscreen;**
- **Android operation system;**
- **Wide-angle camera: 120° (H), 64° (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;**
- **Flush-mounted & surface-mounted;**
- **Complies with SIP & ONVIF;**

Physical & Power

- Front Panel: Aluminum
- Display: 8 Inch IPS LCD, 800x1280
- Main Camera: 5M pixels, with starlight
- Light Sensor: Support
- Motion Sensor: Support
- Wiegand Port: 1ch input/output(selectable)
- RS485 Port: Support
- Line Out: Support
- RF reader: 13.56MHz&125kHz, NFC (only Android)
- Relays Out: 3
- Inputs: 3
- Microphone: 2
- Speaker: 1
- Reset: 1
- BLE: Support BT5.0
- Tamper Alarm: Support
- Ethernet port: 1xRJ45, 10/100Mbps adaptive
- 802.3at Power-over-Ethernet
- Power In: 1, DC24V / 2A
- Power Out: 1, Max 12VDC/0.5A
- IP Rating: IP66
- IK Rating: IK08
- Installation: Flush-mounted & Wall-mounted
- Dimension (HxWxD): 297x136.4x29mm
- Working Humidity: 10~90%
- Working Temperature: -20°C ~ +55°C
- Storage Temperature: -30°C ~ +70°C

Akuvox
Open A Smart World

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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: 1/2.65", 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 – 25fps
- Viewing angle: 120°(H) / 64°(V)
- Compatible to 3rd-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

- Android OS for any 3rd party software or customization
- Relays controlled individually by DTMF tones
- Multi-way Unlock: Face, EM/MIFARE Card, PIN, QR and BLE
- Camera permanently operational
- White balance: auto
- Minimum illumination: 0.1LUX

Capacity

- User: 50,000
- Face Templates: 50,000
- Card: 200,000
- PIN: 50,000

Card Type

- EM card
- MIFARE card
- DESFire card（EV1/EV2/EV3）
- Felica card

Deployment & Maintenance

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

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