

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

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| <ul style="list-style-type: none"> • Front Panel: Aluminum • Display: 8 Inch IPS LCD, 800x1280 • Main Camera: 5M pixels, with starlight • Auxiliary Camera: 2M pixels • QR Scanner: Support • Infrared (IR) LED: Support • White Light LED: Support • 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 | <ul style="list-style-type: none"> • 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/IK Rating: IP66/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 |
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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
- Face Recognition Speed:<200ms
- Face Recognition Accuracy:99.7%
- Camera permanently operational
- White balance: auto
- Minimum illumination: 0.1LUX

Capacity

- User: 50,000
- Contact: 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)