Perfect choice for Access Control

Akuvox's X916S 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 occupant and visitor access control in condominiums, apartment buildings, office buildings, gated communities and industrial buildings.



At a Glance

- **Vandal resistant body with 13inch touchscreen;**
- **Android operation system;**
- **Wide-angle camera: 115° (H), 63° (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;**

Physical & Power

- Front Panel: 316 grade stainless steel
- Display: 13 Inch IPS LCD, 1920x1080
- Main Camera: 2M pixels, with starlight
- Auxiliary Camera 1: 2M pixels
- Auxiliary Camera 2: 0.3M pixels
- Light Sensor: Support
- Motion Sensor: Support
- Wiegand port: 1ch input/output (selectable)
- RS485 port: Support
- RF reader: 13.56MHz&125kHz, NFC (only Android)
- Relays out: 4
- Inputs: 4
- Reset button: 1
- USB Interface: 2
- HDMI Interface: 1
- TF Card Slot: 1
- BLE: Support BT5.0
- Tamper Alarm： Support
- Microphone: 2
- Speaker: 2
- Infrared (IR) LED: Support
- White Light LED: Support
- Power: 12V / 500mA （Max.）
- Ethernet port: 2xRJ45, 10/100/1000Mbps adaptive
- 802.3at Power-over-Ethernet
- IP Rating: IP65
- IK Rating: IK08
- Installation: Flush-mounted & Wall-mounted
- Dimension(HxWxD): 339.2x383.9x45.8mm
- Working Humidity: 10~90%
- Working Temperature: -20°C ~ +55°C
- Storage Temperature: -40°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: 1/2.8", 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: 115°(H) / 63°(V)
- Compatible to 3rd-Party-Video components, e.g. NVRs

Networking and 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, Card, PIN, QR & BLE
- Camera permanently operational
- White balance: auto
- Minimum illumination: 0.1LUX
- Face Recognition Speed:<500ms
- Face Recognition Accuracy: >99%

Capacity

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

Card Type

- EM card
- Mifare card
- DesFire card（EV1/EV2/EV3）

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)

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