Vandal resistant IP call station designed for safety



Akuvox E21V is outdoor-rated, SIP-compliant hands-free Voice over IP (VoIP) emergency station for use in locations such as: parking facilities, college campuses, medical centers, and industrial parks.

At a Glance

- **Vandal resistant body, with a panic button;**
- **Wide-angle camera: 116º (H), 60º (V);**
- **Linux operation system;**
- **Two-way audio communication over IP networks with Echo Cancellation feature;**
- **Flush-mounted;**
- **Complies with SIP;**

Physical & Power

- Front panel: 316 grade stainless steel
- Camera: 2M pixels, automatic lighting
- Button: 1 call button
- Reset: 1 reset button (on board)
- Infrared (IR) LED: Support
- Light sensor: Support
- Motion sensor: Support
- Relays out: 2
- Inputs: 2
- Line out: Support
- Microphone: 1
- Speaker: 1
- Ethernet port: RJ45, 10/100Mbps adaptive
- 802.3af Power-over-Ethernet
- 12 ~ 24V DC connector (if not using PoE)
- Installation: Flush-mounted
- Dimension (HxWxD): 210x120x45.6mm
- IP Rating: IP65
- IK Rating: IK10
- 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
- Pixels: CIF, VGA, 4CIF, 720p,1080p
- Video codec: H.264
- Video resolution: up to 1920x1080
- Max. image transfer rate: 1080p – 30fps
- Viewing angle: 116°(H) / 60°(V)
- Compatible to 3rd party video components, e.g. NVRs

Door Entry Feature

- Relays controlled individually by DTMF tones
- Camera permanently operational
- Auto-night mode with LED illumination
- White balance: auto
- Minimum illumination: 0.1LUX

Networking & Protocol

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

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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