



ESI Access

AC10v Video Intercom Datasheet for eSIP & eCloud

The AC10v Video Intercom is designed for indoors, has an IP54 water resistance and dust resistance rating. It combines the functions of security, audio/video intercom and broadcasting; a cost effective solution for indoor security.



Highlights

- Easy installation and configuration.
- IP54 water resistant and dust resistant.
- -4 to 122°F (-20 to 50°C) wide range temperature adaptability.
- Built-in 1W speaker and Acoustic Echo Canceller (AEC).
- Built-in 1 short circuit input/output interface.
- Functionality including security, intercom and broadcasting.
- Built-in HD camera and with backlight compensation function.
- Online management and upgrade.

Generic

- 2 SIP Lines
- Auto answer
- Intercom function

Intercom Function

- Support customized DSS keys
- Network Time Synchronization
- Action URL / Active URL

Audio

- Narrowband Codec: G.711a/u, G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Video

- Sensor: 1/4" color CMOS
- 1 MegaPixel
- Video coding: H.264
- Resolution: 720P
- Viewing angle: 90°
- Minimum illumination: 0.1Lux

Networking

- Physical: 10/100 Mbps Ethernet
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Network access authority authentication: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Firmware Upgrade
- Syslog

Physical Specifications

- 1 DSS button (speed dial button)
- 1 RJ45 port
- 1 short circuit input interface
- 1 relay: NC/NO Contacts, Max DC30V/1A, AC125V/0.5A
- Active switching output: 12V/650mA DC
- Power: DC12V/1A or POE
- Housing material: ABS
- Installation: Indoor installation
- Working temperature: -4~122°F (-20~50°C)
- Storage temperature: -4~122°F (-20~50°C)
- Relative humidity: 10% - 90%
- Equipment Dimension: 3.46x3.46x1.22in (88 x 88 x 31mm)
- Packing Dimension: 3.74x4.25x1.57in (95x108x40mm)
- Equipment weight: 4.76 oz (135g)