XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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SIP Video Door Phone

I33V & I33VF

The i33V&i33VF is a SIP Video Door Phone product with LCD display developed for users in the security industry. It is designed for outdoor scenes with high reliability, HD Audio/Video, and IP65/IK10 protection grade. It combines with access control, security, audio/video intercom and broadcasting functionalities for smooth/safe/clear communication

Highlight

- Built-in HD camera with infrared night vision, adopt H.264 codec
- Access control (by call, code, RFID/IC card and indoor switch)
- All-in-one (Access control, Intercom and Broadcasting)
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Canceller (AEC)
- Protection level: IP65 and IK10
- -40°C to 70°C wide range temperature adaptability
- Support online management and upgrade
- Compatible with major platforms: Aterisk, Broadsoft, 3CX, Metaswitch, Elastix, etc.

Specification

Generic
2 SIP Lines, support SIP 2.0 (RFC3261) and related RFC
Duplex handsfree
Default auto answer
Intercom function
Industrial Standard Certifications: IP65&IK10, CE/FCC

Access Control Function
Unlock door method: DTMF, password, RFID/IC card, indoor switch, WEB page
Support 5000 Remote access list
Support 5000 RFID/IC cards
Support 200,000 door open records
Support electric lock internal or external power supply options
Auto multicast function
Support ONVIF
Network Time Synchronization
Action URL / Active URI

Audio
Wideband ADC/DAC 16KHz Sampling
Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
Wideband CODEC: G.722
Duplex intercom with Acoustic Echo Canceller (AEC) – Hands-freeMode, 96ms tail-length
Voice Activity Detection (VAD) / Comfort Noise Generation (CNG)/ BackgroundNoise Estimation (BNE)
Packet Loss Concealment (PLC)
Dynamic Adaptive litter Buffer up to 300ms
DTMF: In-band, Out of Band DTMF (RFC2833) / SIP INFO

Video
Sensor: 1/2.7” color CMOS
2 megapixels
Video code: H.264
Resolution: Main stream 1280×720@25fps Sub-stream 704×576(D1)@25fps
Viewing angle: 112° (H), 84° (V)
Minimum illumination: 0.1Lux, support for infrared illumination

Networking

- Support PoE
- Primary and secondary DNS servers are supported
- Support RTSP
- Support SNTP client
- Support VPN L2TP / openVPN
- Support SRTP
- Support HTTP / HTTPS web pages
- Support Qos: 802.1p / q, DSCP
- DHCP / static / PPPoE
- Support STUN

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/TR069/SIP PNP
- Web Management Portal
- Web-based Packet Dump
- Configuration Import/Export
- Firmware Upgrade
- Syslog

Physical Specifications

- LCD Pixel: 128x48 dots
- LCD Dimension: 64x30.5x5.2 mm
- Keypad: 15 keys(with backlight),including
12 number keys
3 function keys (Detail/Password Mode/Backspace)
- 1 RJ45 port, 10/100M adaptive
- 1 Wiegandport
- 1 audio output interface
- 1 recording output interface
- 2 relays: MAX DC30V / 2A, AC125V / 0.5A for door opener
- Active switching output: 12V / 500mA DC(only 1 relay support)
- 2 indoor switch
- 2 door magnetic detection
- 1 tamper alarm switch
- Temperature controller power:12V/1A(external PSU)
- RFID reader: ID (EM4100,125KHz) &IC(MIFARE ONE,13.56MHz)
- Power: DC12V/1A or PoE
- Housing material: aluminum alloy shell
- Protection level:IP65 and IK10
- Installation: Wall-mounting (i33V)
Embedded in the door (i33VF)
- Working temperature: -40 ~ 70 °C
- Storage temperature: -40 ~ 70 °C
- Relative humidity: 10% - 90%
- Equipment Dimension: 295x142x62mm
- Packing Dimension: 370x194x111mm
- Outer CTN Dimension: 413x360x392mm(6 PCS)
- Equipment weight: i33V : 2281g
i33VF: 2193g