



# i32V SIP Video Door Phone

The i32V SIP Video Door Phone 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.

### Highlights

- Built-in HD camera with infrared night vision, adopt H.264 codec
- Access control (by call, 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)
- IP65 waterproof and dustproof
- IK10 anti-collision with robust die-cast aluminum frame
- 40°C to 70°C wide range temperature adaptability
- Support online management and upgrade
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.



Model	Network	PoE	Camera
i32V	10/100Mbps	✓	✓

### Generic

- 2 SIP Lines
- Full-duplex handsfree
- Intelligent DSS Keys (Speed Dial/intercom etc)
- Auto answer
- Intercom function
- Industrial Standard Certifications: IP65&IK10, CE/FCC

### Access Control Function

- Unlock door method: DTMF, RFID/IC card, indoor switch, WEB page
- Support 2000 Remote access list
- Support 2000 RFID/IC cards
- Support 200,000 door open records
- Support electric lock internal or external power supply options
- Dynamic multicast function
- Support ONVIF
- Support customized DSS keys
- Network Time Synchronization
- Action URL / Active URI

### Audio

- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband Codec: G.722
- Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length
- 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 (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

- 10/100 Mbps
- IP Configuration: Static / DHCP / PPPoE
- Network access authority authentication: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP

## 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/TR-069/SIPPNP
- Web Management Portal
- Web-based Packet Dump
- Configuration Import/Export
- Firmware Upgrade
- Syslog

## Physical Specifications

- 1 DSS button (speed dial button)
- 1 RJ45 port
- 1 Wiegand port
- 1 audio output interface
- 1 recording output interface
- 2 embedded short circuit input interface
- 2 relays: MAX DC30V / 2A, AC125V / 0.5A
- Active switching output: 12V / 500mA DC(only 1 relay support)
- 2 door magnetic detection interface
- 1 tamper alarm switch
- 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
- Working temperature: -40 ~ 70 °C
- Storage temperature: -40 ~ 70 °C
- Relative humidity: 10% - 90%
- Equipment Dimension: 195x120x34mm
- Packing Dimension: 260x165x62mm
- Outer CTN Dimension: 348x328x280mm(10 PCS)
- Equipment weight: 1015g

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.  
For more information, please visit: [www.fanvil.com](http://www.fanvil.com)

### Compatibility List:

