

## Fanvil i16V SIP Video Intercom



Product Name: Fanvil i16V SIP Video Intercom

Manufacturer: -

Model Number: I16V

Please Note: This product has been discontinued. Please see the Fanvil i16SV SIP Video Intercom for an available alternative.

### Fanvil i16V SIP Video Intercom

The Fanvil i16V Video Intercom is a high-definition, cost-effective and reliable video intercom with high compatibility and multiple protection

### Fanvil i16V Key Features

- Built-in HD camera with infrared night vision, adopt H.264 codec
- 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
- Anti-tamper- alarming as long as the cover is apart from the housing, and reporting to the control center at the same time
- -40°C to 70°C wide range temperature adaptability
- Built-in 2 short-in detect ports and 2 short-out control ports
- Supports online management and upgrade
- PoE

### Applications

- Apartments / Residential
- School Intercom Solution

**HD audio**The Fanvil i16V has a built-in 3W speaker with high HD audio quality and background noise reduction.  
**HD video**Users can press the "Call" button to make calls with full duplex video. A built-in 720P HD camera offers infrared night vision.  
**24H Video surveillance** The i16V can be used for 24H video monitoring when connected with a VMS (video management system) via ONVIF. i16V can also connect to the audio input port of the camera or digital record device with a record output port to provide 24h monitoring.  
**Multi-Protection design** The i16V boasts waterproof and dustproof grade IP65, anti-collision standard IK10 and a wide temperature range from -40°C to 70°C. This means it is fully certified to satisfy the special demands in some of the most challenging industries.  
**Alarm Linkage**The i16V can trigger a video camera recording or the alarm indicator with the short output port.  
**Access Control**The i16V can help open the door remotely by connecting to the electric lock with the short-circuit input port.  
**External active speaker**The i16V can connect to speaker by the audio output port to play voice message or music.  
**Multi-platform compatibility**The i16V is has no limitation between different platforms

### Fanvil i16V Technical Specifications

#### General

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

## Fanvil i16V SIP Video Intercom

### Intercom function

- Dynamic multicast function
- Support ONVIF
- Support customized DSS Keys
- Network Time Synchronization
- Action URL / Active URI

### Video

- Sensor: 1/2.7" color CMOS2 Megapixels
- Video codec: H.264
- Resolution: main stream 1280×720@25fps
- Substream 704×576(D1)@25fps
- Viewing angle: 112° (H), 84° (V)
- Minimum illumination: 0.1Lux, support for infrared illumination

### Audio

- Wideband ADC/DAC 16KHz Sampling
- 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

### Deployment and maintenance

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

### Networking

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

### Protocols

- 10/Protocols
- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP

## Fanvil i16V SIP Video Intercom

i16V PPPoE  
i16V 802.1x  
i16V L2TP  
i16V OpenVPN  
i16V SNTP  
i16V FTP/TFTP  
i16V HTTP/HTTPS  
i16V TR-069

### Physical Specification

i16V 1 DSS button (speed dial button)  
i16V 1 RJ45 port  
i16V 1 audio output interface  
i16V 1 recording output interface  
i16V 2 short circuit input interface  
i16V 2 short circuit output interface  
i16V G-sensor for tamper alarm  
i16V Power: DC12V/1A or PoE  
i16V Housing material: aluminum alloy shell  
i16V Protection level: IP65 and IK10  
i16V Installation: Wall-mounting  
i16V Working temperature: -40 ~ 70°C  
i16V Storage temperature: -40 ~ 70°C  
i16V Relative humidity: 10% - 90%  
i16V Equipment size: 195x120x34mm  
i16V Packing size: 260x165x62mm  
i16V Equipment weight: 1015g

### Please Enquire

Options available for Fanvil i16V SIP Video Intercom :

#### Support Required

Not Required, [Voipon Premium Support Starter \(+£75.00\)](#).

#### Power Supply Required?

Not Required, [UK-PSU-12V \(+£8.35\)](#).