



# i18S SIP Video Intercom

Based on the experience and knowledge of Fanvil IP Phones' development, the i18S SIP Video Intercom is designed for the security industry with standard IP/RTP/RTSP transmission protocols and compatible with major IP PBX/IMS platforms which support standard SIP protocol, such as: Asterisk, Broadsoft, 3CX, Elastix etc. It supports auto-provision for efficient installation.

The i18S SIP Video Intercom is designed for outdoor scenes with high reliability, HQ Audio/Video, and IP65/IK10 protection grade. It combines security, audio/video intercom and broadcasting functionalities and offer the best communication solution for users.



## Highlights

- ☑ Compatible with standard SIP(RFC3261) protocol and main IP PBX/IMS platforms
- ☑ Concise design and easy installation(support wall mounted and Flush-Mounting)
- ☑ HD camera with night vision; supports HD video communication
- ☑ Telecom grade HD audio with built-in 3W speaker and AEC; adapt for noisy environment
- ☑ Functionality including security, intercom and broadcasting
- ☑ Support wide working temperature range from -40 to +70°C
- ☑ IP65 and IK10
- ☑ Support online management and upgrade

## Access control function

- Two SIP lines, support SIP 2.0 (RFC3261) and related RFC
- PoE Enabled
- Full-duplex handsfree (HF)
- Default Auto Answer
- Support electric lock internal or external power supply options
- Support customized DSS keys
- Network Time Synchronization
- Action URL / Active URI remote control

## Audio

- Narrowband speech codec: G.711a / u, G.723.1, G.726-32K, G.729AB
- Broadband speech codec: G.722
- Full Duplex Echo Cancellation (AEC) – 96ms tail-length
- DTMF: In-band, out-of-band DTMF (RFC2833) / SIP Info

## Video

- Sensor: 1/3 "color CMOS
- Pixels: CIF, 4CIF, 720P(HD)
- Video codec: H.264
- Resolution: The main stream, 1280\*720; Sub-stream 704\*576
- Viewing angle: 115°(H), 87°(V)
- Minimum illumination: Color 0.01Lux, black and white 0.001Lux

## Networking/ Protocols

- 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
- Support MD5 authentication
- Support Web Filter
- DHCP / static / PPPoE
- Support STUN

## Deployment & Maintenance

- Auto-Provisioning via FTP / TFTP / HTTP / HTTPS / DHCP / TR069 / SIP PNP
- Web Management Portal
- Web-based Packet Dump
- Configuration Backup / Restore
- Access Table Export / Import
- Firmware Upgrade

## Physical Specifications

- 1 DSS button (speed dial button)
- 1 embedded short circuit input interface
- 1 relay: MAX DC30V / 1A, AC125V / 0.5A
- Active switching output: 12V / 650mA DC
- Camera: 130W CMOS /IR-CUT
- Microphone: -38dB
- Speaker: 4Ω / 3W
- WAN port: RJ-45, 10 / 100M adaptive
- Power supply: 12V ± 15% / 1A DC or PoE
- Network cable: CAT5 or better
- Shell material: Aluminum Cover and Cast-Aluminum back case
- Installation method: Wall-mounting or Flush-mounting
- Storage Temperature:-40~70°C
- Working temperature:-40~70°C
- Working humidity: 10~90%
- Protection level: IP65 and IK10
- Overall dimension: 223 x 130 x 74mm (W x H x L)
- Gift box dimensions: 310 x 175 x 115mm
- Outer CTN dimensions: 370 x 370 x 330mm(6 PCS)
- Package weight:1800g

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:



[www.fanvil.com](http://www.fanvil.com)

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