



# i18S IP Video Intercom

This SIP intercom model is produced for industrial users, developed based on technology of VOIP, using standard IP/RTP protocol, compatible with many popular SIP PBX, /IMS platform, such as Asterisk, Broadsoft, 3CX, Elastix etc., easily to deploy. 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

- 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 IK1
- High compatibility – Compatible with major platforms:Asterisk,Broadsoft,3CX, Metaswitch, Elastix, Avaya etc.



Model	Screen	Button	Camera
i18S	10/100Mbps	1	√

### 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: G711a/u, G723. 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: 1/2.7" color CMOS
- 2 Megapixels
- Video codec: 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/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 OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Firmware Upgrade
- Syslog

## Physical Specifications

- 1 or 2 DSS keys (Speed Dial)
- RJ45 Ethernet Jacket x2: Network x1, PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- Passive Switch: Normally Open and Normally Closed highest at 30V/1A AC/DC
- Output interface for active speaker
- Audio record output interface
- 2 embedded short circuit input interfaces
- 2 embedded short circuit output interfaces
- Speaker: 3W/4Ω
- 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
- Microphone: -38db
- Speaker: 40/3W
- WAN port: RJ-45, 10/100M adaptive
- Power supply: 12V t 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%0
- Protection level: IP65 and IK10
- Working Humidity: 10~90%
- Overall Dimension: 223x130x74mm (W x H x L)
- Package Dimensions: 310x175x115mm (W x H x L)
- 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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