



## i64 SIP Doorphone

The i64 SIP doorphone is designed for outdoor scenes with high reliability, HD Audio&Video. It combines an anti-vandal solution with an elegant design, offers high durability to guarantees the highest coverage on the market according to the IP66 and IK07 standards. It combines security, video doorphone and broadcasting function, offers the best communication solution for users.

### Highlights

- ✔ Built-in HD camera with night-vision feature, adopt H.264 codec
- ✔ High durability guarantees the highest coverage on the market according to the IP66 and IK07 standards.
- ✔ Wide-angle camera: 120° (H), 60° (V);
- ✔ Fitted with a tamper switch that detects unauthorized opening of the device itself.
- ✔ HD voice speech quality with built-in 2.5W speaker and Acoustic Echo Canceller
- ✔ Built-in 3 short-in detect port and 2 short-out control port
- ✔ Built-in TF card slot for data storage
- ✔ Compatible with ONVIF standard for easy integration with your existing CCTV or surveillance system.
- ✔ Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.



### Generic

- 2 SIP lines
- Video intercom
- IP address announcement in English
- Programmable DSS key
- RS485 port: Support
- Wiegand port: Support
- Switch signal input and output
- door control in and out
- Support TF card
- PoE enabled
- Open the door operation: DTMF, password, RFID card, push button, WEB page, 3<sup>rd</sup> party API
- Remote access list, RFID cards (support 10,000)
- Door open records (support 200,000)

### Device Functions

- Auto-answering
- Programmable DSS keys
- Through button or web page volume adjustment
- Network time synchronization
- Time Plan (task management)
- Dynamic multicast function
- SIP call multicast function
- HTTP API
- Action URL / Active URI

### Call Functions

- Call out / answer / reject
- Call waiting
- Intercom, Multicast
- Speed dial
- Anonymous call (Hide caller ID)

### Audio

- Narrowband codec: G.711A/U, G.729A/B, iLBC, G.723.1, G.726-32K
- Wideband codec: G.722, Opus
- Full-duplex hands-free speakerphone with AEC
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)

### Video

- Sensor: 1/2.9" color CMOS
- Pixels: 2 Mega
- Video coding: H.264
- Compatible to 3rd-Party-Video platform, e.g. NVRs
- Motion detection
- Resolution:
  - Main stream 1080P@30fps (up to 2 channels)
  - Sub stream VGA@30fps (up to 3 channels)
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- Viewing angle:
  - Diagonal: 141°
  - Horizontal: 120°
  - Vertical: 60°

## Network

- Physical: 10/100 Mbps Ethernet
- IP mode: IPv4/IPv6/IPv4&IPv6
- IP configuration: Static IP / DHCP / PPPoE
- VPN: L2TP / OpenVPN
- VLAN

## Protocols

- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- PPPoE
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## Deployment & Management

- 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

- Keypad: 15 keys, including

- 12 number keys
- 4 function keys (Management Center / Password Mode / Detail / Backspace)
- RJ45 port x1: connect the network
  - PoE enabled
- Short-in detect port x 3
  - Port: Terminal socket
- Short-out control port x2 (built-in relay)
  - Relay: MAX DC30V / 2A, AC125V / 0.5A
  - Port: Terminal socket
- Tamper switch x1
- Line-out: support, for induction loop antenna
- TF card slot x1: connect TF card, up to 32GB
- RF Card Reader: 125KHz&13.56MHz
- RS485: Support
- Wiegand Port: In/Out configurable, Wiegand in by default
- DC port x1: DC power input
  - DC power input: DC12V~24V/1A
  - Port: Terminal socket
- PoE level: 802.3af Class 3
- Protection level: IP66 and IK07
- Housing material: Aluminum
- Installation: Wall-mounted & Flush-mounted
- Working temperature: -20°C ~ 50°C
- Storage temperature: -40°C ~ 70°C
- Working humidity: 10~95%
- Device dimensions: 177.4x88x36.15 mm
- Gift box dimensions: 220x123x65 mm
- Outer CTN dimensions: 463x350x266 mm (20 PCS)

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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