



i61 Video Door Phone

Based on SIP and ONVIF protocols, i61 is a video door phone that integrates powerful functionalities of access control, intercom, and security protection. Featuring an aluminum alloy design and single speed-dial touch button, i61 delivers a high-quality robust appearance. With high protection level IP66 and IK07, it is waterproof, dustproof and anti-collision in most outdoor environments. i61 allows users to make audio/video calls via a speed-dial button and a 2 Mega-pixel camera and achieve access control by different modes. With rich input and output interfaces, i61 is easy to link with other security devices and customize into various solutions in apartments, commercial buildings, communities and industrial parks.



Highlights

- With high protection level of IP66 and IK07, wide temperature range from -40℃ to 70℃, it can work perfectly in most outdoor environments
- Support to open the door with RFID/IC cards, indoor switch, remote DTMF, Timed open door
- Aluminum alloy design and single speed-dial touch button
- Built in 2M pixels wide-angle camera: 120° (H), 60° (V) with infrared night-vision feature
- Fitted with a tamper switch that detects unauthorized opening of the device itself
- Compatible with SIP and ONVIF protocols
- Built-in 3 short-in detect ports and 2 short-out control ports, can be integrated with induction loop antenna
- Built-in maximum 128GB capacity TF card slot for image storage
- HD voice speech quality with built-in 2.5W speaker and Acoustic Echo Canceller



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
- Line-out for induction loop antenna: Support
- Support TF card
- PoE enabled
- Open the door operation: DTMF, RFID card, indoor switch, Time open door
- 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
- Motion detection
- Resolution:
  - Main stream 1080P@30fps
  - Sub stream VGA@30fps
- High intensity IR LEDs for picture lighting during dark hours with internal light sensor
- Viewing angle:
  - Diagonal: 141°
  - Horizontal: 120°
  - Vertical: 60°
- Minimum illumination: 0.1Lux

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

- Speed dial touch button
- 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
- TF card slot x1: connect TF card,up to 128GB
- RF Card Reader:125KHz&13.56MHz
- RS485:Support
- Wiegand Port: In/Out configurable, Wiegand in by default
- Line-out:support, for induction loop antenna
- DC port x1: DC power input
  - DC power input: DC12V/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: -40℃ ~ 70℃
- Storage temperature: - 40℃ ~ 70℃
- Working humidity: 10~95%
- N.W/CTN: 13.2 kg
- G.W/CTN: 13.95 kg
- Device dimensions: 159.7x88x36.15 mm
- Gift box dimensions: 202x123x64 mm
- Outer CTN dimensions: 427x345x266 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.
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