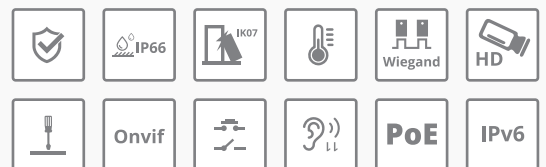# Video Door Phone

i61

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.

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Highlight

- With high protection level of IP66 and IK07, wide temperature range from -40°C to 70°C, it can work perfectly in most outdoor environments
- Support to open the door with RFID/IC cards, NFC, 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

Specification

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, NFC, 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)

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 & Maintenance

Auto-provisioning via
FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIPPNP/TR-069

Web management portal

Web-based packet dump

Configuration export / import

Firmware upgrade

Syslog

Network

Physical: 10/100 Mbps Ethernet

IP mode:IPv4/IPv6/IPv4&IPv6

IP configuration: Static IP / DHCP / PPPoE

VPN: L2TP / OpenVPN

VLAN

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°

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: -40ºC~ 70ºC

Storage temperature: -40ºC~ 70ºC

Working humidity: 10~95%

Device dimensions: 159.7 x 88 x 36.15 mm

Gift box dimensions: 202 x 123 x 64 mm

Outer CTN dimensions: 427 x 345 x 266 mm(20 P

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