

DHI-KTP02

Video Intercom KIT



Technical Specification

System(VTO)

Main Processor	Embedded Processor
Operating System	Embedded Linux
Button Type	Mechanical
Interoperability	ONVIF;CGI
Network Protocol	SIP; P2P; IPv4; DNS; RTSP; RTP; TCP; UDP

Basic(VTO)

Camera	1/2.8" 2 MP CMOS high definition, low illumination/ DWDR/ color/IR
Field of View	H: 107°; V: 60°; D: 122°
Noise Reduction	3D NR
Video Compression	H.264; H.265
Video Resolution	Main stream: 720p, WVGA, D1, CIF; Sub stream: 1080p, WVGA, D1, QVGA, CIF
Video Frame Rate	PAL: 25 fps; NTSC: 30 fps
Video Bit Rate	256 Kbps–8 Mbps
Light Compensation	Auto IR
Day/Night	Auto(ICR)/Color/B/W;Color/B/W
Audio Compression	G.711a; G.711u; PCM
Audio Input	1 channel
Audio Output	Built-in speaker
Audio Mode	Two-way audio
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 KHz, 16 bit

Function(VTO)

Communication Mode	Full digital
Verification Method	Card;App;Indoor monitor

IP Villa Door Station:

- Megapixel image sensor.
- Supports IR illumination and night vision.
- Two-way audio and voice call through app.
- Can be managed through the management platform; supports voice call between App and the door station.
- Card unlock, unlock on the indoor monitor, and remote unlock through the App.
- Supports IP65(Silicone sealant is needed. For details, see the quick start guide.).
- Supports 10000 cards.
- Supports standard PoE power supply.
- Controls 2 locks, with the second lock requiring connection to the extension module.

IP Indoor Monitor:

- 7" TFT Capacitive touch screen, 1024 x 600.
- IPC surveillance.
- Alarm integration.
- High performance and Cost-effective.
- Built-in 8 GB Micro SD card.
- Supports standard PoE.

Leave Videos	Yes (SD card inserted in VTH is needed)
Web Configuration	Yes

RFID(VTO)

Card Type	IC card
Modulation Type	ASK
Frequency Range	13.56 MHz
Max. Transmission Power	42 dBuA/m @10 m

Performance(VTO)

Card Reading Distance	0 cm–4.5 cm (0"–1.77")
Issue Card Locally	Yes
Casing Material	PC + Acrylic

Capacity(VTO)

Card Capacity	10,000
---------------	--------

Port(VTO)

RS-485	1 channel
Power Output	1 port (12 V, 200 mA)
Exit Button	1 channel
Door Status Detection	1 channel
Lock Control	1 channel
Network Port	1 × 10Mbps/100Mbps network port (8-core white ribbon cable)

Alarm(VTO)

Tamper Alarm	Yes
--------------	-----

General(VTO)

Appearance Color	Black
Power Supply	12 VDC, 1 A; Standard PoE
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE
Accessory	Included: Alarm power ribbon cable, rain cover, brackets
Product Dimensions	135.1 mm × 70.6 mm × 34.6 mm (5.32" × 2.78" × 1.36") (L × W × H)
Protection	IP65 (silicone sealant is needed, see the quick start guide.); IK04 (for common use)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Altitude	Beneath 3000 m (9842.52 ft)
Operating Environment	Outdoor
Power Consumption	≤ 1 W (standby), ≤ 5 W (working)
Gross Weight	326 g (0.72 lb)

System(VTH)

Main Processor	Embedded Processor
Operating System	Embedded Linux

Basic(VTH)

Audio Compression	G.711a; G.711u; PCM
Audio Input	1 channel
Audio Output	Built-in speaker
Audio Mode	Two-way audio
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 KHz, 16 bits
Screen Type	Capacitive Touchscreen
Display Screen	7-inch display screen
Screen Resolution	1024 (H) × 600 (V)

Function(VTH)

Communication Mode	Full digital
Leave Videos	Yes (SD card is inserted in the indoor monitor or door station)
Information Release	Receive and view the published information from the management center
DND Mode	Yes
Number of Extensions	Villa: 9 extensions; Apartment: 4 extensions
Storage	Built-in 8 GB Micro SD card, maximum memory capacity 512 GB

Port(VTH)

Network Port	One 10 Mbps/100 Mbps Ethernet port
Alarm Input	6 channels
Alarm Output	1 channel
Doorbell	Yes (use the alarm input port)

Alarm(VTH)

SOS Alarm	Yes
-----------	-----

Performance(VTH)

Casing Material	PC + ABS
-----------------	----------

General(VTH)

Appearance Color	Black
Power Supply	12 VDC, 1 A; Standard PoE
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE
Accessory	Included: bracket and alarm cable.
Product Dimensions	221.5 mm × 119.6 mm × 23.5 mm (8.72" × 4.71" × 0.93") (L × W × H)
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–95% (RH), non-condensing
Operating Altitude	Less than 3,000 meters
Operating Environment	Indoor
Power Consumption	≤3 W (standby), ≤7 W (working)
Gross Weight	0.661 kg (1.46 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75%

System(Networking Device)

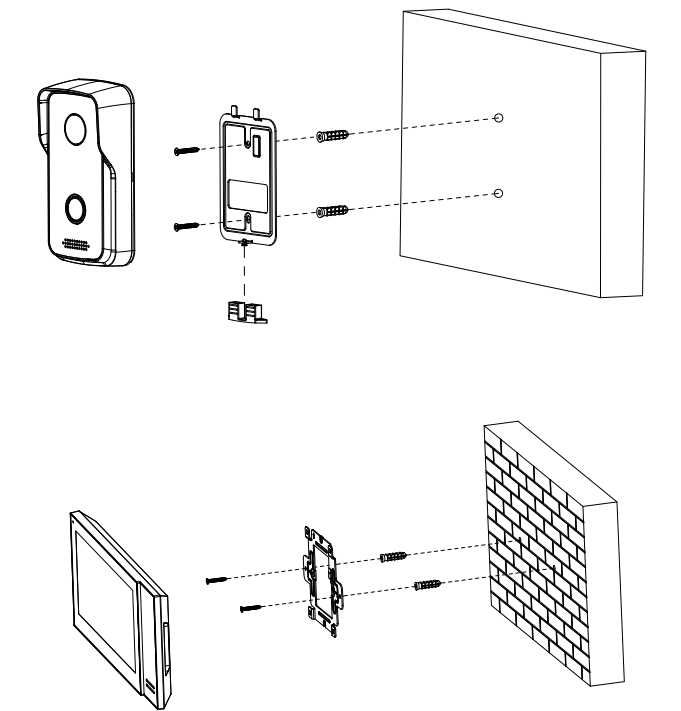
Main Processor	Embedded Processor
----------------	--------------------

Port(Networking Device)

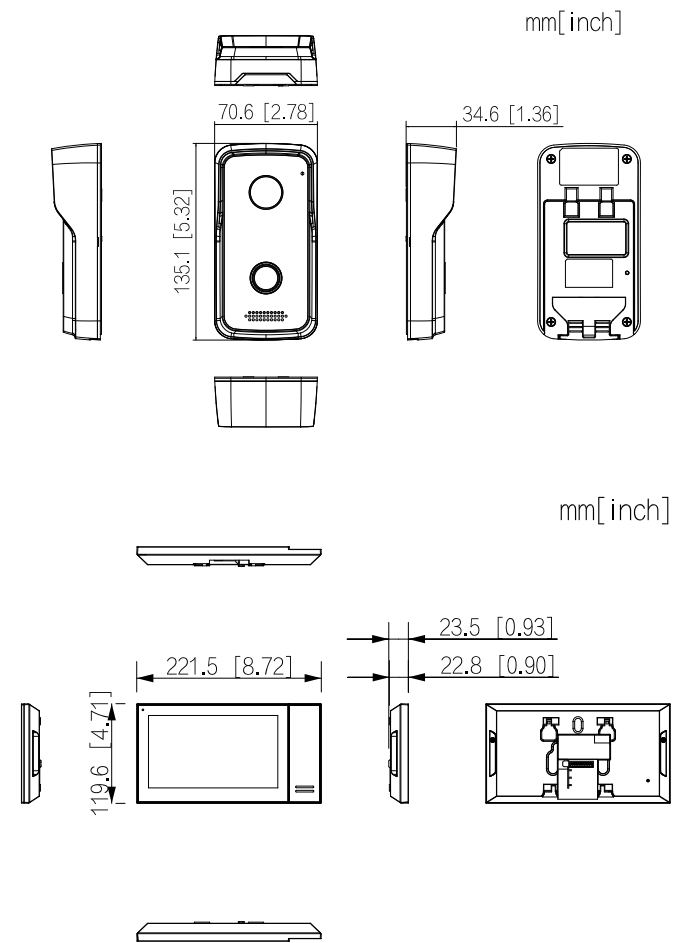
Network Port	4 × PoE ports with 10/100 Mbps Base-TX; 2 uplink ports with 10/100Mbps Base-TX
General(Networking Device)	
Appearance Color	Black
Certifications	CE; FCC
Product Dimensions	194.0 mm × 108.1 mm × 35.0 mm (7.64" × 4.26" × 1.38") (L × W × H)
Gross Weight	0.56 kg (1.23 lb)

Ordering Information		
Type	Model	Description
Video Intercom KIT	DHI-KTP02	Video Intercom KIT

Installation



Dimensions (mm[inch])



Application

