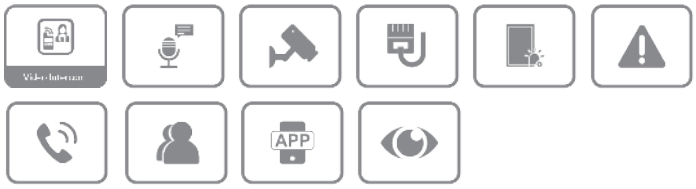
DHI-KTP05(S)

Video Intercom KIT

- Highly durable and elegant, it is made of aluminum panel, and has a mechanical keypad.
- 2MP HD camera.
- Supports 5,000 users and 10,000 cards.
- Supports multiple unlock methods including password, IC card, and unlocks remotely.
- Connects card readers and controllers through Wiegand.
- Provides 12 VDC, 600 mA power.
- IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- IK08 rated.
- Standard PoE power supply (if the VTO device with 12 V power output needs to charge the load, it should be connected to a PSE switch that complies with the 802.3.at standard).
- 7" TFT capacitive touch screen, 1024 × 600.
- 6-channel alarm input and 1-channel alarm output.
- Standard PoE. Door station and IPC monitor.
- H.265 and H.264 video decoding.
- High performance and cost-effective.



Functions

Video Intercom

Video intercom can be used with the Indoor Monitor (VTH), Master Station (VTS) and app.

Technical Specification

Model	DHI-VTO3222E-P
System(VTO)	
Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Button Type	Mechanical
Interoperability	ONVIF
Network Protocol	SIP; P2P; IPv4; DNS; RTSP; RTP; TCP; UDP
Basic(VTO)	
Camera	1/2.9" 2 MP CMOS
Field of View	H: 140°, V: 80°, D: 160°
WDR	120 dB
Noise Reduction	3D NR
Video Compression	H264, H265
Video Resolution	Main stream: 720p, WVGA, D1, CIF Sub stream: 1080p, WVGA, D1, QVGA, CIF
Video Frame Rate	25 fps
Light Compensation	Auto white light
Day/Night	Color/B/W
Audio Compression	G.711a, G.711u, PCM
Audio Input	1
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	2-wire
Unlock Mode	Card; password; remote unlock
Card Type	Mifare card
Auto Snapshot	Yes (SD card is inserted in the indoor monitor or door station)
Leave Videos	Yes (SD card is inserted in the indoor monitor or door station)
Storage	Supports Micro SD card (up to 256 GB)
Web Configuration	Yes
Performance(VTO)	
Card Reading Distance	0 cm–3 cm (0"–1.18")
Casing Material	Aluminum alloy

Video Intercom KIT | DHI-KTP05(F)

Capacity(VTO)

Card Capacity	10000

Port(VTO)

RS-485	1
Wiegand	1
Alarm Input	1
Alarm Output	1
Power Output	1 (12 V, 600 mA)
Door Bell	1
Exit Button	1
Lock Control	1, normally closed by default
Network Port	1 × RJ-45, 10 Mbps/100 Mbps network port

Alarm(VTO)

Tamper Alarm	Yes

General(VTO)

Appearance Color	Silver
Power Supply	48 VDC, 0.4 A; PoE (802.3af/at)
Power Adapter	Optional
Installation	Surface mount (The surface mount kit comes with the surface mount bracket)
Certifications	CE
Product Dimensions	200.0 mm × 98.0 mm × 35.4 mm (7.87" × 3.86" × 1.39")
Protection	IK08, IP65 (Silicone sealant is needed, see the quick start guide)
Operating Temperature	–40 °C to +60 °C (–40 °F to +140°F)
Operating Humidity	10%–95% (RH), non-condensing
Operating Altitude	Beneath 3000 m (9842.52 ft)
Operating Environment	Outdoor
Power Consumption	≤5 W (standby), ≤7 W (working)
Gross Weight	692 g (1.53 lb)
Storage Humidity	30%–75% (RH)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)

Model	DHI-VTH2621GW-WP

System (VTH)

Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Network Protocol	RTSP; DNS; RTP; SIP; SSH

Basic (VTH)

Screen Type	Capacitive Touchscreen
Display Screen	7" TFT
Screen Resolution	1024 (H) × 600 (V)
Audio Compression	G.711a; G.711u; PCM
Audio Input	1
Audio Output	Built-in speaker
Audio Mode	Two-way audio
Audio Enhancement	Echo suppression
Audio Bit Rate	16 KHz; 16 bit

Function (VTH)

Communication Mode	Full digital
Information Release	Receive and view text information released by the management center
Leave Videos	Yes (SD card inserted in VTH is needed)
DND Mode	Do not disturb period can be set
Number of Extensions	Villa: 9 extensions; Apartment: 4 extensions

Port (VTH)

Alarm Input	6
Alarm Output	1
Door Bell	Yes (reuse the alarm input port)
Network Port	1 × RJ-45 10/100 Mbps Ethernet port

Performance (VTH)

Casing Material	PC + ABS

General (VTH)

Appearance Color	White
Power Supply	12 VDC, 1 A; Standard PoE
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE
Accessory	Bracket and alarm ribbon cable (included)
Product Dimensions	189.6 mm × 134.6 mm × 26.0 mm (7.50" × 5.30" × 1.00")
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–95% (RH), non-condensing
Operating Altitude	Beneath 3000 m (9842.52 ft)
Operating Environment	Indoor
Power Consumption	≤2 W (standby), ≤6 W (working)
Gross Weight	575 g (1.27 lb)

Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75% (RH)

Model	DH-PFS3006-4ET-36

System (Networking Device)

Main Processor	Embedded Processor

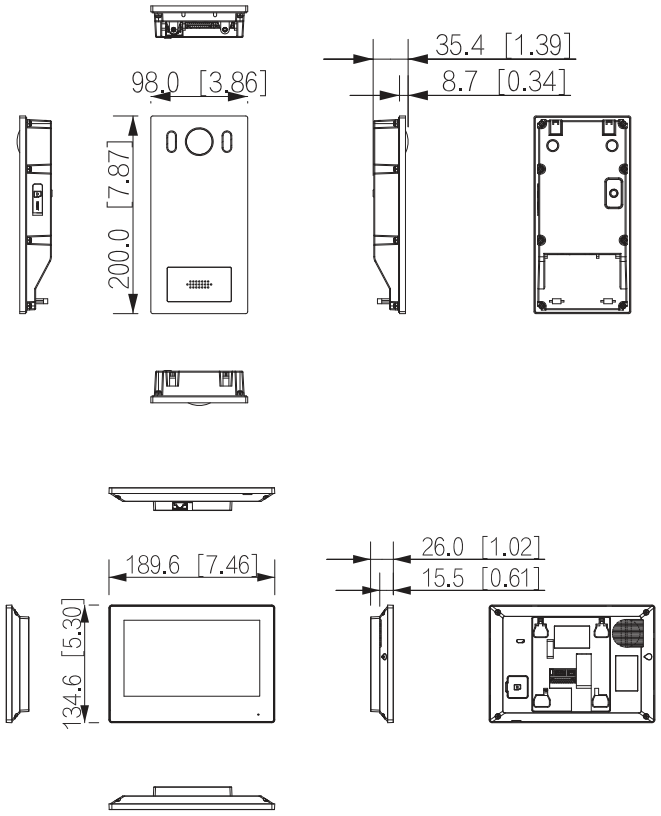
Port (Networking Device)

Network Port	4 × PoE ports with 10/100 Mbps Base-TX 2 uplink ports with 10/100 Mbps Base-TX

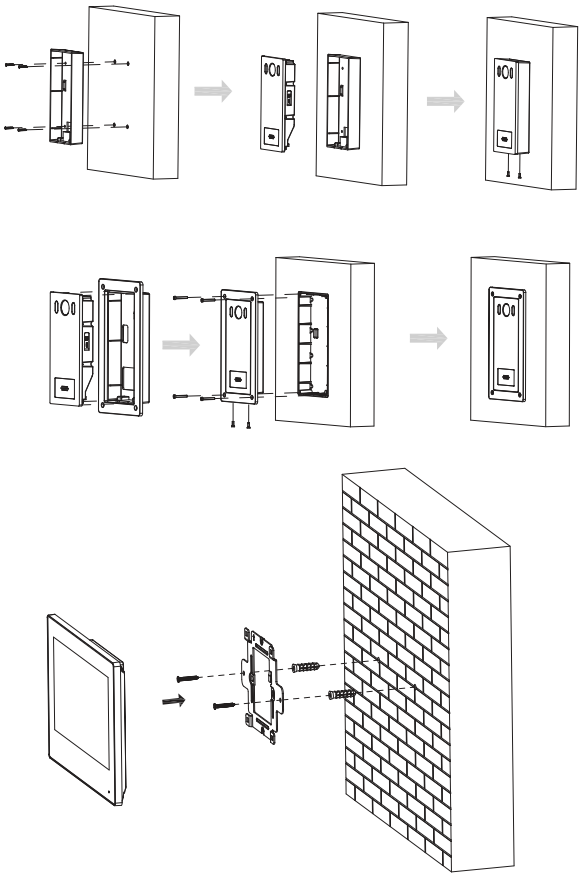
General (Networking Device)

Power Supply	Built-in power supply: 100–240 VAC
Certifications	CE; FCC
Product Dimensions	194.0 mm × 108.1 mm × 35.0 mm (7.64" × 4.26" × 1.38") (L × W × H)
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–90% (RH), non-condensing
Power Consumption	Idling: 0.5 W; Full load: 36 W
Gross Weight	1.11 kg (2.15 lb)

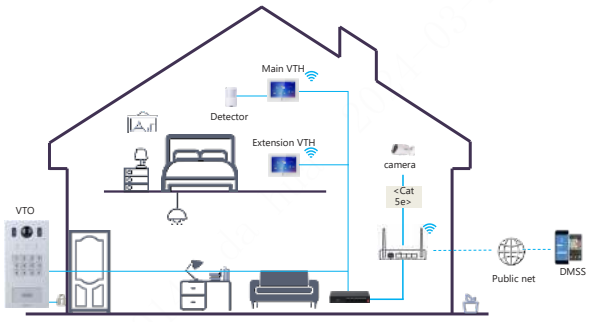
Dimensions (mm[inch])



Installation



Application



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