

DHI-KTD04

Video Intercom KIT



Functions

Video Intercom

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

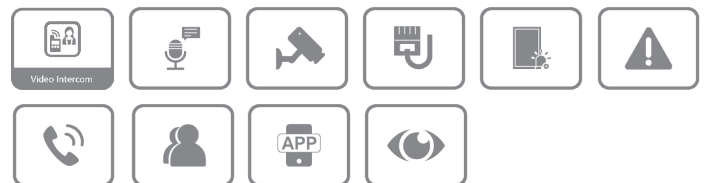
Technical Specification

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

- 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.
- Wi-Fi.
- Supports the outdoor station and IPC monitor.
- H.265 and H.264 video decoding.
- 2-wire digital communication.
- Customize DND mode and the effective period.
- High-performance and cost-effective.
- Supports guide rail mount and wall mount.



Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 KHz, 16 bit

Function(VTO)

Communication Mode	Digital 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")
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Casing Material	Aluminum alloy
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-VTH2622G-W
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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	Digital 2-wire
Information Release	Receive and view text information released by the management center.
DND Mode	Do not disturb period can be set
Number of Extensions	Villa: 3 extensions; Apartment: 2 extensions
Wi-Fi	Yes
Wireless Standard	IEEE802.11b/802.11g/802.11n
Wireless Frequency Range	2.4G
Max Transmission Power	≤20 dBm@2400-2483.5 MHz

Port (VTH)	
RS-485	1
Alarm Input	6
Alarm Output	1
Door Bell	Yes (Use any alarm input port)
Network Port	1 × 2-wire port and 1 × RJ-45 10/100 Mbps Ethernet port (alternative)

Performance (VTH)	
Casing Material	PC + ABS

General (VTH)	
Appearance Color	Black
Power Supply	48 VDC, 1.25 A
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE; FCC
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 3,000 m (9,842.52 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	DHI-VTNS1001B-2
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System (Networking Device)

Main Processor	Embedded Processor
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Function (Networking Device)

Communication Mode	2-wire
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Performance (Networking Device)

Casing Material	PC + ABS
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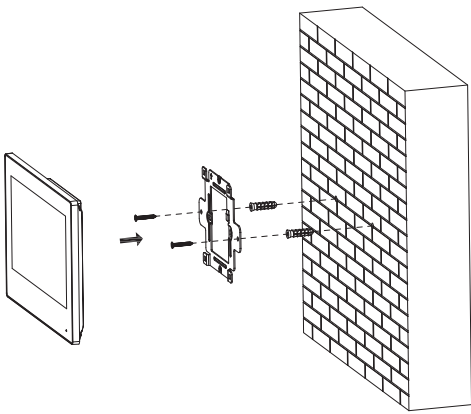
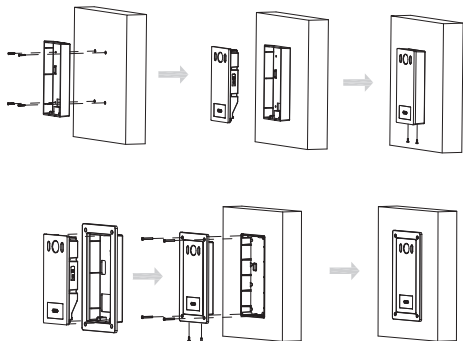
Port (Networking Device)

Network Port	1 × 2-wire port, 1 × 100 Mbps Ethernet port
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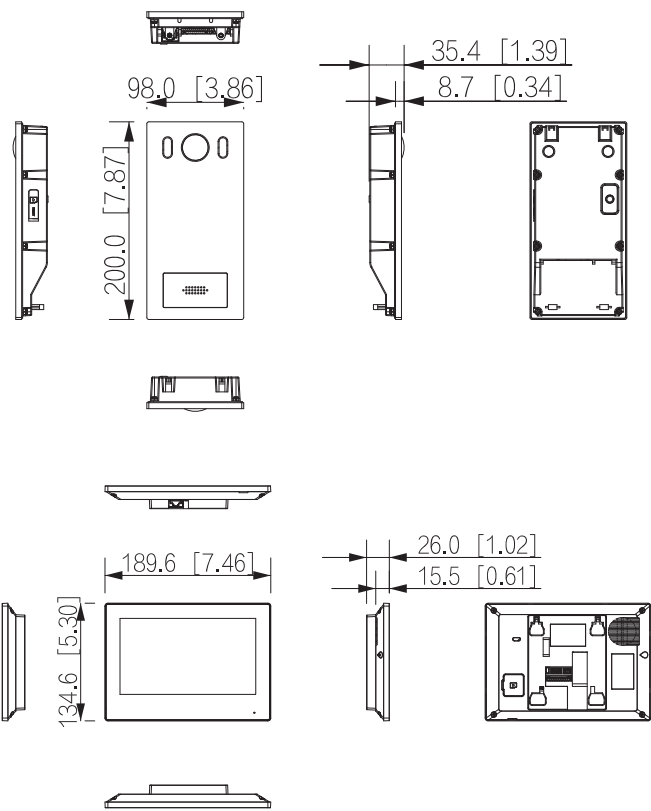
General (Networking Device)

Appearance Color	White
Power Supply	48 VDC, 1–3 A
Power Adapter	Optional
Installation	Guide Rail Mount
Certifications	CE; FCC; UL
Accessory	Included
Product Dimensions	131 mm × 103 mm × 40 mm (5.16" × 4.06" × 1.57")
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–95%, non-condensing
Operating Altitude	0–3000 m (0–9842.52 ft)
Power Consumption	≤15 W (Kit)
Gross Weight	0.39 kg (0.86 lb)

Installation



Dimensions (mm[inch])



Application

