

DHI-KTP10

Video Intercom KIT



Technical Specification

System(DHI-VTO3311Q-WP)

Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Button Type	Mechanical
Interoperability	ONVIF; CGI
Network Protocol	RTSP; DNS; P2P; UPnP; RTP; RTMP; SIP; SSH; HTTP/HTTPS; ONVIF

Basic(DHI-VTO3311Q-WP)

Camera	1/2.8" 2 MP CMOS HD camera
Field of View	H: 125°; V: 65°; D: 139°
WDR	120 dB
Noise Reduction	2D NR; 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	768 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

VTO:

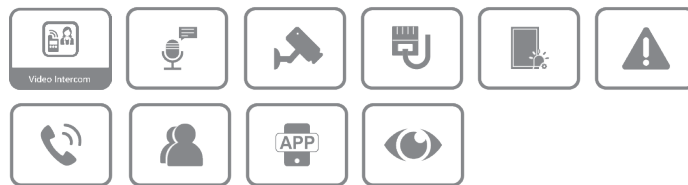
- Full metal casing design.
- Includes rain cover.
- Supports customizing the number of buttons.
- Optional red-brown or dark blue front cover. (Red-brown P/N: 1.1.03.15.10221, dark blue P/N: 1.1.03.15.10220)
- 1/2.8" 2-MP HD CMOS camera.
- Offers two-way video call with VTHs.
- IR illumination and auto WDR.
- Controls 2 locks, with the second lock requiring connection to the extension module.
- Supports voice call and unlocking through the app.
- IK08 and IP65 rated.
- H.264 and H.265 video decoding.
- Unlocks with IC card.
- Wi-Fi connection.
- PoE power supply.

VTH:

- 7" TFT capacitive touch screen, with the resolution of 1024 × 600.
- 6-channel alarm input and 1-channel alarm output.
- Wi-Fi.
- Standard PoE.
- Connects to VTOs and IPCs.
- H.265 and H.264 video decoding.
- Supports configuring DND mode and its period.
- High-performance and cost-effective.

Switch:

- 4 PoE ports with 10/100 Mbps Base-TX.
- 2 uplink ports with 10/100Mbps Base-TX.



Function(DHI-VTO3311Q-WP)

Communication Mode	Full digital
Verification Method	Indoor monitor; App; 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

RFID(DHI-VTO3311Q-WP)	
Card Type	IC card
Modulation Type	AM
Frequency Range	13.56 MHz
Max. Transmission Power	42 dBuA/m @10 m

Wi-Fi(DHI-VTO3311Q-WP)	
Wi-Fi	Yes
Wireless Standard	IEEE 802.11b; IEEE 802.11g; IEEE 802.11n
Wireless Frequency Range	2.4 GHz
Max. Transmission Power	≤20 dBm@2,400–2,483.5 MHz

Performance(DHI-VTO3311Q-WP)	
Card Reading Distance	0 cm–3.5 cm (0"–1.38")
Issue Card Locally	Yes
Casing Material	Aluminum alloy

Capacity(DHI-VTO3311Q-WP)	
Card Capacity	3,000

Port(DHI-VTO3311Q-WP)	
RS-485	1
Alarm Input	1
Alarm Output	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 × RJ-45 10/100 Mbps Ethernet port

Alarm(DHI-VTO3311Q-WP)	
Tamper Alarm	Yes

General(DHI-VTO3311Q-WP)	
Appearance Color	Grey
Power Supply	12 VDC, 1 A Standard PoE
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE; FCC
Accessory	Included: Alarm power ribbon cable, rain cover
Product Dimensions	188.1 mm × 107.2 mm × 30 mm (7.41" × 4.22" × 1.18") (H × W × D)
Protection	IP65; IK08
Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
Operating Humidity	10%–90%

Operating Altitude	0 m–3,000 m (0 ft–9,842.52 ft)
Operating Environment	Outdoor
Power Consumption	≤ 3 W (standby), ≤ 6 W (working)
Gross Weight	0.81 kg (1.79 lb)

System(DHI-VTH2621GW-WP)	
Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Network Protocol	RTSP; DNS; RTP; SIP; SSH

Basic(DHI-VTH2621GW-WP)	
Screen Type	Capacitive Touchscreen
Display Screen	7-inch display screen
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(DHI-VTH2621GW-WP)	
Communication Mode	Full digital
Information Release	Receive and view text information released by the management center
DND Mode	Do not disturb period can be set; Do not disturb mode can be set
Number of Extensions	Villa: 9 Apartment: 4

Wi-Fi(DHI-VTH2621GW-WP)	
Wi-Fi	Yes
Wireless Standard	IEEE 802.11b; IEEE 802.11g; IEEE 802.11n
Wireless Frequency Range	2.4 GHz
Max. Transmission Power	≤20 dBm@2,400–2,483.5MHz

Port(DHI-VTH2621GW-WP)	
RS-485	1
Alarm Input	6
Alarm Output	1
Door Bell	Yes (use any alarm input port)
Network Port	1 × RJ-45 10/100 Mbps Ethernet port

Performance(DHI-VTH2621GW-WP)	
Casing Material	PC + ABS
General(DHI-VTH2621GW-WP)	
Appearance Color	White

Power Supply	12 VDC, 1 A Standard PoE
Power Adapter	Not included
Installation	Surface Mount
Certifications	CE; FCC
Accessory	Included: Bracket, alarm power ribbon cable
Product Dimensions	189.6 mm × 134.6 mm × 26.0 mm (7.46" × 5.30" × 1.02") (L × W × H)
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)

Hardware (DH-PFS3006-4ET-36)

Data Transmission Port	4 PoE ports with 10/100 Mbps Base-TX 2 uplink ports with 10/100 Mbps Base-TX
Power Supply	VAC 100–240
Operating Temperature	−10°C to +55°C (−14°F to 131°F)
Operating Humidity	10%–90%
Power Consumption	Idling: 0.5 W Full load: 36 W

PoE (DH-PFS3006-4ET-36)

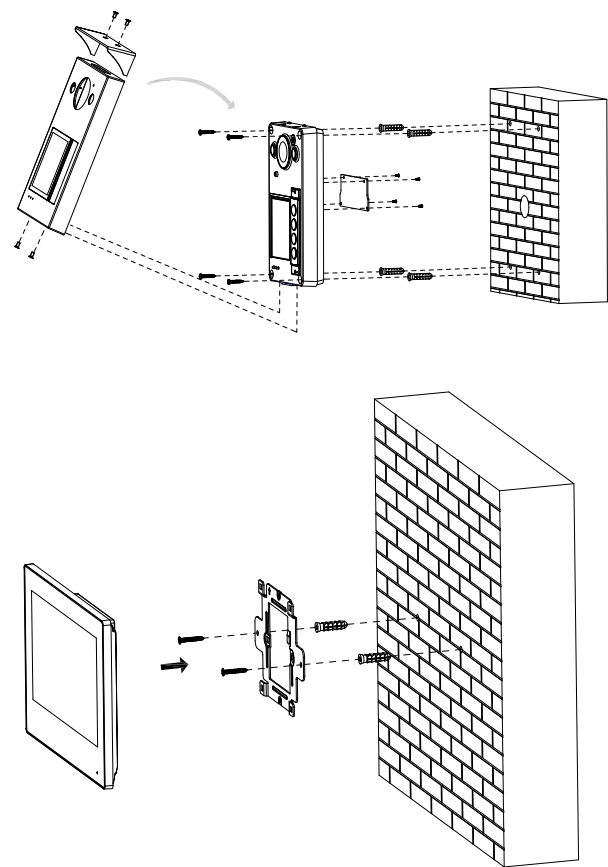
PoE Budget	Port1-4 ≤30 W, whole PoE budget ≤36 W
PoE Standard	IEEE802.3af, IEEE802.3at
PoE Pin Assignment	PoE: 1, 2, 4, 5(V+), 3, 6, 7, 8(V-)

Performance (DH-PFS3006-4ET-36)

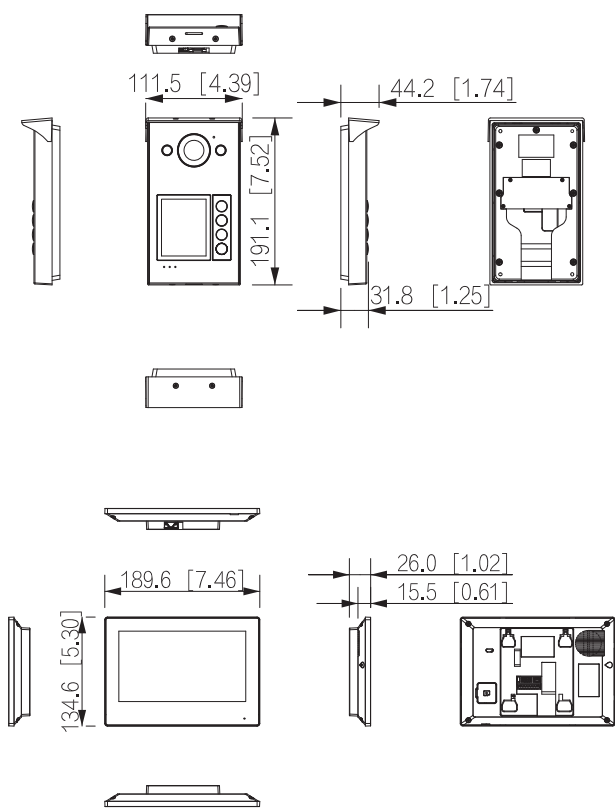
Switching Capacity	1.2 Gbps
Packet Forwarding Rate	0.89 Mpps
MAC Table Size	2 K
Jumbo Frame	2,048 bytes
Communication Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3X
ESD	Air discharge: 8 kV Contact discharge: 6 kV
Thunderproof	Common mode: 6 kV Differential mode: 4 kV
Net Weight	0.56 kg (1.23 lb)
Gross Weight	1.11 kg (2.15 lb)
Product Dimensions (W × L × H)	194.0 mm × 108.1 mm × 35.0 mm (7.64" × 4.26" × 1.38")
Certifications	CE: EN60950; FCC

Ordering Information		
Type	Model	Description
KIT	DHI-KTP10	Video Intercom KIT

Installation



Dimensions (mm[inch])



Application

