

DHI-KTP11(F)

Video Intercom KIT



Technical Specification

System(DHI-VTO4201F-P1)

Main Processor	Embedded Processor
Operating System	Embedded Linux Operation System
Button Type	Mechanical
Number of Buttons	1
Interoperability	ONVIF; CGI
Network Protocol	UDP; TCP; IPv4; DNS; RTSP; UPnP; SIP; P2P; RTP

Basic(DHI-VTO4201F-P1)

Camera	1/2.9" 2 MP CMOS
Field of View	H: 168.6°; V: 87.1°; D: 176.7°
WDR	120 dB
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 to 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:

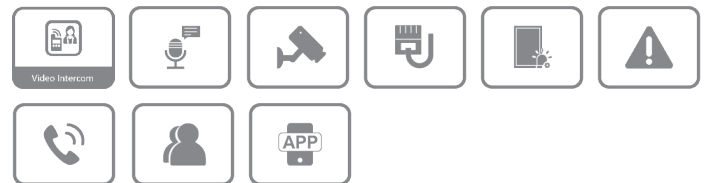
- Anodized aluminum front panel.
- CMOS low illumination 2MP HD colorful 168.6° camera.
- Video intercom function.
- Provides 12 VDC, 600 mA power.
- Mobile phone app, talk to the visitor or unlock the door remotely on your phone.
- IK07 & IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- Support surface and flush mount.
- Support H.265 and H.264.
- 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).

VTH:

- 4 × RJ-45 10/100 Mbps PoE ports, 2 × RJ-45 Gigabit ports. 60 W total PoE budget, 802.3af/at on all PoE ports, additional Hi-PoE on orange port. DIP switch to fast turn on/off working mode of Cloud-Managed, PoE Watchdog, Long Distance PoE. Wide operating temperature ranging from -10 °C to 55 °C. Supports VLAN and loop protection. WEB-managed and centralized cloud management through the DoLink App and performs real-time monitoring of the network. Easy config to auto detect and set up network and security systems.

Switch:

- 4 × RJ-45 10/100 Mbps PoE ports, 2 × RJ-45 Gigabit ports. 60 W total PoE budget, 802.3af/at on all PoE ports, additional Hi-PoE on orange port. DIP switch to fast turn on/off working mode of Cloud-Managed, PoE Watchdog, Long Distance PoE. Wide operating temperature ranging from -10 °C to 55 °C. Supports VLAN and loop protection. WEB-managed and centralized cloud management through the DoLink App and performs real-time monitoring of the network. Easy config to auto detect and set up network and security systems.



Function(DHI-VTO4201F-P1)

Communication Mode	Full digital
Unlock Mode	Remote

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(DDHI-VTO4201F-P1)

Casing Material	Aluminum
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Port(DHI-VTO4201F-P1)

RS-485	1
Alarm Input	1
Alarm Output	1 channel
Power Output	1 port,12 V/600 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-VTO4201F-P1)

Tamper Alarm	Yes
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General(DHI-VTO4201F-P1)

Appearance Color	Silver
Power Supply	12 VDC, 2 A, PoE (802.3af/at)
Power Adapter	Optional
Installation	Flush Mount
Certifications	CE
Accessory	flush mount box
Product Dimensions	100.0 mm × 100.0 mm × 49.4 mm (3.94" × 3.94" × 1.94")
Protection	IK07; IP65
Operating Temperature	−30°C to +60°C (−22°F to +140°F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Altitude	0 m–3,000 m (0 ft–9,842.52 ft)
Operating Environment	Outdoor
Power Consumption	≤4 W (standby), ≤5 W (working)
Gross Weight	0.43 kg (0.95 lb)

System(DHI-VTH2621GW-WP)

Main Processor	Embedded Processor
Operating System	Embedded Linux operating system
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
Wireless Security Encryption	WPA/WPA2; WPA-PSK/WPA2-PSK
Operating Frequency	2.400~2.4835GHz
Modulation	11b: DBPSK, DQPSK and CCK and DSSS 11g: BPSK, QPSK,16QAM, 64QAM and OFDM 11n: MCS0~7 OFDM
Antenna Recommend	Frequency:2.400-2.4835GHz; Efficiency: > 50%; Gain: 2dBi
Throughput	up to 150Mbps
Form factor	6pin

Port(DHI-VTH2621GW-WP)

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
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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	0.58 kg (1.27 lb)

Hardware (DH-CS4006-4ET2GT-60)

Data Transmission Port	Port 1-4: 4 × RJ-45 10/100 Mbps (PoE); Port 5-6: 2 × RJ-45 10/100/1000 Mbps (uplink)
External power supply	53 VDC, 1.22 A
Operating Temperature	−10°C to +55°C (−14°F to 131°F)
Operating Humidity	10%–90% (RH), non-condensing
Power Consumption	Idling: ≤3 W Full load: 65 W

PoE (DH-CS4006-4ET2GT-60)

PoE Power Port	2-4≤30 W, port 1≤60 W, total≤60 W
PoE Standard	IEEE802.3af ; IEEE802.3at ; Hi-PoE
PoE Pin Assignment	1, 2, 4, 5(V+), 3, 6, 7, 8(V-)

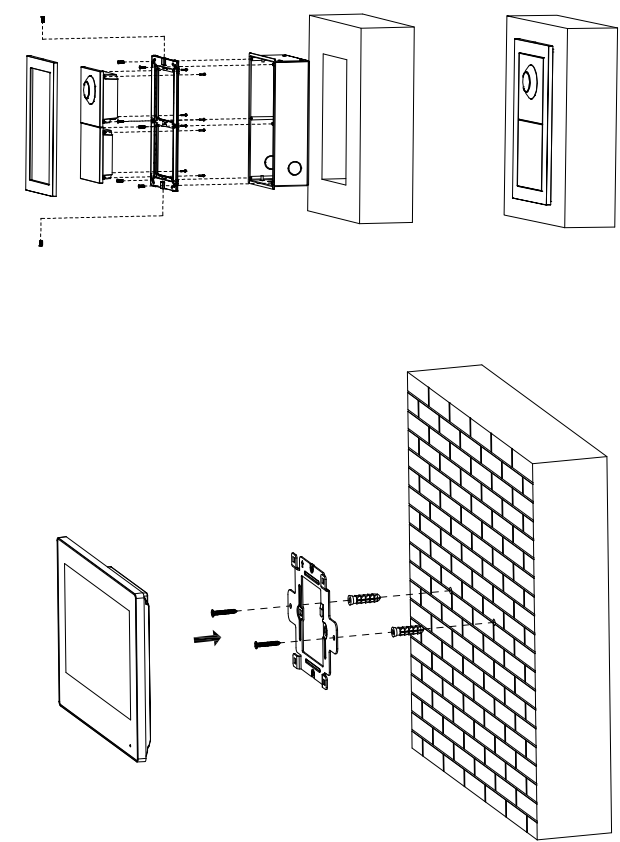
Performance (DH-CS4006-4ET2GT-60)

Switching Capacity	4.8 Gbps
Packet Forwarding Rate	3.57 Mpps
MAC Table Size	2 K
Jumbo Frame	9216 Byte
ESD	Air discharge: 8 kV Contact discharge: 6 kV
Thunderproof	Common mode: 6 kV; Differential mode: 0 kV
Net Weight	0.2 kg (0.44 lb)
Gross Weight	0.76 kg (1.68 lb)
Product Dimensions (W × L × H)	115 mm × 84 mm × 27 mm (4.53" × 3.33" × 1.06") (L × W × H)
Certifications	CE

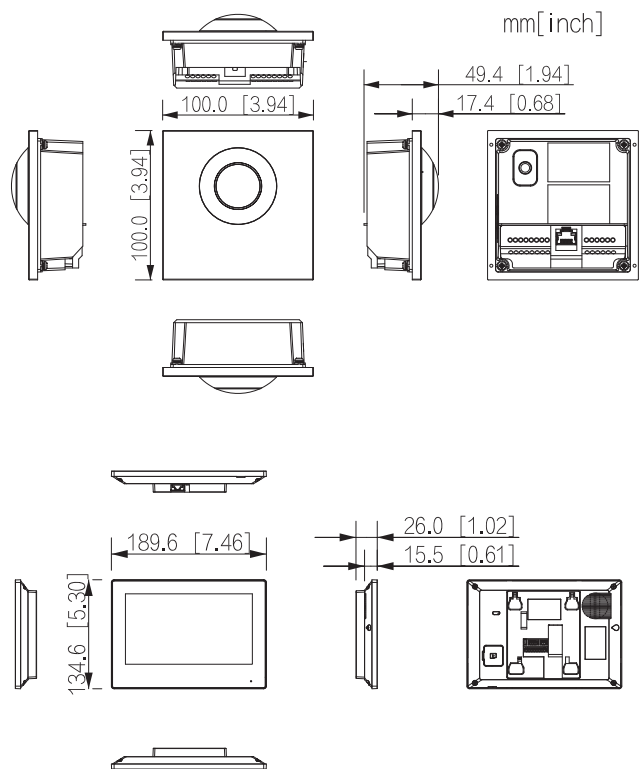
Ordering Information

Type	Model	Description
KIT	DHI-KTP11(F)	Video Intercom KIT

Installation



Dimensions (mm[inch])



Application

