

DHI-KTP01L(S)-S3

Video Intercom KIT



Technical Specification

System(VTO)

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

Basic(VTO)

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.265; H.264
Video Resolution	Main stream: 720p; WVGA; D1; CIF; Sub stream: 1080p; WVGA; D1; QVGA; CIF
Video Frame Rate	25 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 bits

Function(VTO)

Communication Mode	Full digital
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IP Villa Door Station:

- 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 and IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- 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 802.3at standard).
- 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.

Verification Method	Remote
Leave Videos	Yes (SD card is inserted in the indoor monitor or door station)
Storage	Supports Micro SD card (up to 512 GB)
Web Configuration	Yes

Performance(VTO)

Casing Material	Aluminum alloy
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Port(VTO)

RS-485	1 channel
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 port, 10/100 Mbps network port

Alarm(VTO)

Tamper Alarm	Yes
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General(VTO)

Appearance Color	Silver
Power Supply	12 VDC, 2 A; PoE (802.3af/at)
Power Adapter	Optional
Installation	Surface mount (The surface mount kit comes with the surface mount bracket)
Certifications	CE
Accessory	Surface mount box (included)
Product Dimensions	130 mm × 96 mm × 28.5 mm (5.12" × 3.78" × 1.12") (L × W × H)
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	0.48 kg (1.06 lb)
Storage Humidity	30%–75% (RH)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)

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)
Storage	Built-in 8 GB Micro SD card, maximum memory capacity 512 GB
Information Release	Receive and view the published information from the management center

DND Mode	Yes
Number of Extensions	Villa: 9 extensions; Apartment: 4 extensions

Port(VTH)

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

Alarm(VTH)

SOS Alarm	Yes
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Performance(VTH)

Casing Material	PC + ABS
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General(VTH)

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

System(Networking Device)

Main Processor	Embedded Processor
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Port(Networking Device)

Network Port	4 × PoE ports with 10/100 Mbps Base-TX; 2 × uplink ports with 10/100 Mbps Base-TX
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General(Networking Device)

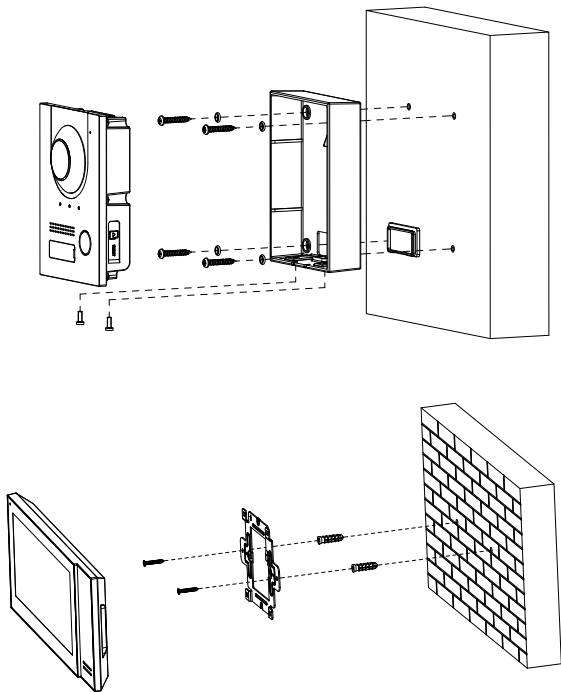
Appearance Color	Black
Power Supply	Built-in power supply: 100–240 VAC
Certifications	CE; FCC
Product Dimensions	194.0 mm × 108.1 mm × 35.0 mm (7.64" × 4.26" × 1.38") (L × W × H)
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)

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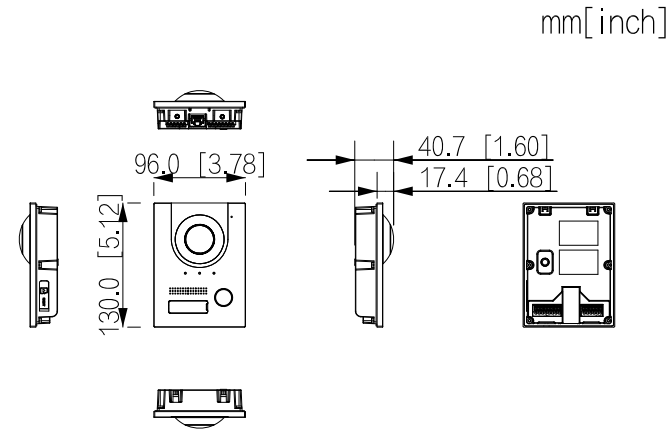
Operating Humidity	10%–90% (RH), non-condensing
Power Consumption	Idling: 0.5 W; Full load: 36 W
Gross Weight	1.11 kg (2.45 lb)

Ordering Information		
Type	Model	Description
Video Intercom KIT	DHI-KTP01L(S)-S3	Video Intercom KIT

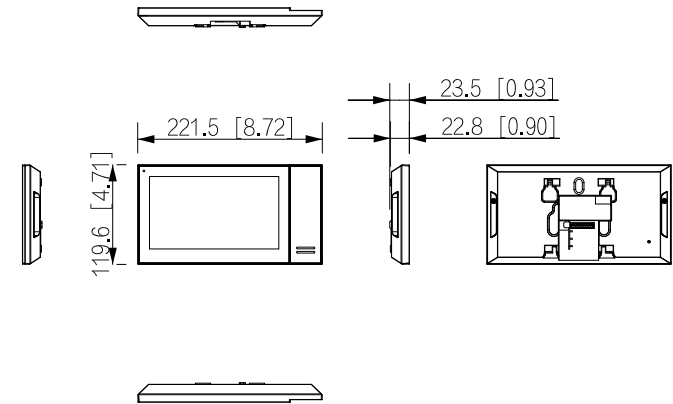
Installation



Dimensions (mm[inch])



mm[inch]



Application

