

# DHI-KTD01L(S) Video Intercom KIT



#### **Technical Specification**

System(VTO)	
Main Processor	Embedded Processor
Operating System	Embedded Linux Operation System
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

#### **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).
- Supports 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).

#### IP Indoor Monitor:

- 7" TFT capacitive touch screen.
- 6-channel alarm input and 1-channel alarm output.
- Supports standard PoE or Power over 2-wire switch.
- H.265 video coding (H.264 by default).
- Supports 2-wire digital communication.
- Supports daisy chain topology.
- 2.5D screen glass.

#### Function(VTO)

Digital 2-wire
Remote
Yes (SD card is inserted in the indoor monitor or door station)
Supports Micro SD card (up to 256 GB)
Yes
Aluminum
1
1
1 port (12 V, 600 mA)
1
1
1
1 × RJ-45 port, 10/100 Mbps network port

# Video Intercom KIT | DHI-KTD01L(S)

## Alarm(VTO)

Tamper Alarm	Yes
General(VTO)	
Appearance Color	Silver
Power Supply	Dahua 2-wire switch (max. power supply distance is 50 m) 48 VDC, 1 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")
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), non-condensing
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)

## System (VTH)

Main Processor	Embedded Processor
Operating System	Embedded Linux Operation System
Button Type	Touch button
Interoperability	ONVIF
Network Protocol	SIP; IPv4; RTSP; RTP; TCP; UDP
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 bits
Function (VTH)	
Communication Mode	Digital 2-wire

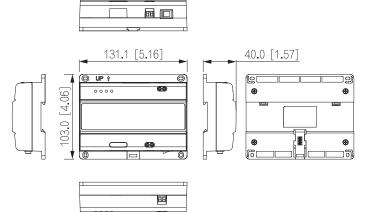
Leave VideosYes (SD card inserted in VTH is needed)DND ModeDo not disturb period can be set;Do not disturb mode can be setNumber of ExtensionsVilla: 4; apartment: 3StorageSupports Micro SD card (up to 64 G8)Port (VTH)FRS-4851Alarm Input6 channel (switch quantity)Alarm Output1 channelPower Output1 port (12 V, 100 mA)Power Output0 re2-wire port and one 10/100 Mbps estreme port (one of them can be selected)Performance(VTH)Ves, reusing any alarm input portCasing MaterialPC + ABSGeneral (VTH)Suffice MountPower SupplyOptionalPower AdapterOptionalInstallationSufface MountProduct DimensionsSindard PoisProduct DimensionsSindard Adard)AccessoryOptionalPored to DimensionsSindard PoisOperating Temperature-10°C to +55°C (+14°F to +131°F)Operating Humidity0m -3.000 m (1-8,42.52 rt)Operating TemperatureidoorPower Consumption2.V (standard), standard onPower Consumption2.V (standard), standard onOperating EnvironmentIndoorIoperating EnvironmentIndoorPower Consumption0.V (standby), sed W(wrking)Power Consumption0.V (standby), sed W(wrking)Forege Humidity0.V (standby), sed W(wrking)Power Consumption0.V (standby), sed W(wrking)Power Consumption0.V (standby), sed W(wrking)<	Information Release	Supports viewing text announcement from the center (insert an SD card to receive and view pictures)
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Network Port   Ethernet port (one of them can be selected)     Performance(VTH)     Casing Material   PC + ABS     General (VTH)     Appearance Color   White     Power Supply   2-wire switch (max power transmission distance: 50 m); Standard PoE     Power Adapter   Optional     Installation   Surface Mount     Certifications   CE; FC; UL     Accessory   Bracket (standard) Alarm ribbon cable (standard)     Product Dimensions   10% -95% (RH), non-condensing     Operating Humidity   10% -95% (RH), non-condensing     Operating Environment   Indoor     Power Consumption   <2 W (standby), <6 W (working)	Door Bell	Yes, reusing any alarm input port
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AccessoryAlarm ribbon cable (standard)Product Dimensions189.0 mm × 130.0 mm × 26.9 mm (7.44" × 5.12" × 1.06")Operating Temperature-10°C to +55°C (+14°F to +131°F)Operating Humidity10%-95% (RH), non-condensingOperating Altitude0 m-3,000 m (0 ft-9,842.52 ft)Operating EnvironmentIndoorPower Consumption<2 W (standby), ≤6 W (working)	Certifications	CE; FCC; UL
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Operating Environment Indoor   Power Consumption <2 W (standby), <6 W (working)	Operating Humidity	10%–95% (RH), non-condensing
Power Consumption   ≤2 W (standby), ≤6 W (working)     Gross Weight   0.74 kg (1.63 lb)     Storage Temperature   0 °C to +40 °C (+32 °F to +104 °F)	Operating Altitude	0 m–3,000 m (0 ft–9,842.52 ft)
Gross Weight0.74 kg (1.63 lb)Storage Temperature0 °C to +40 °C (+32 °F to +104 °F)	Operating Environment	Indoor
Storage Temperature 0 °C to +40 °C (+32 °F to +104 °F)	Power Consumption	≤2 W (standby), ≤6 W (working)
	Gross Weight	0.74 kg (1.63 lb)
Storage Humidity 30%–75% (RH), non-condensing	Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
	Storage Humidity	30%–75% (RH), non-condensing

## System(Networking Device)

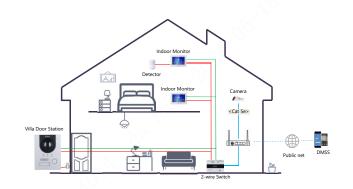
Main Processor	Embedded Processor
Function(Networking Device)	
Communication Mode	Digital 2-wire

# Video Intercom KIT | DHI-KTD01L(S)

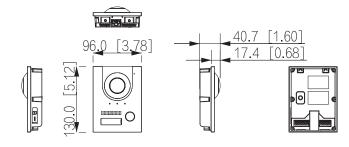
Performance(Networking Device)		
Casing Material	PC + ABS	
Port(Networking Device)		
Network Port	$1 \times 2$ -wire port; $1 \times 100$ Mbps Ethernet port	
General (Networking Device)		
Appearance Color	White	
Power Supply	DC 48V 1A-3A	
Power Adapter	Included	
Installation	Guide Rail Mount	
Certifications	CE; FCC; UL	
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% (RH), non-condensing	
Operating Altitude	0 m-3,000 m (0 ft-9,842.52 ft)	
Power Consumption	≤15 W (self-working); output≤48 W (villa)	
Gross Weight	0.39 kg (0.86 lb)	



# Application

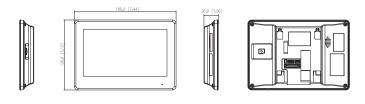


#### Dimensions (mm[inch])



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