

# DHI-KTX02

## Video Intercom KIT

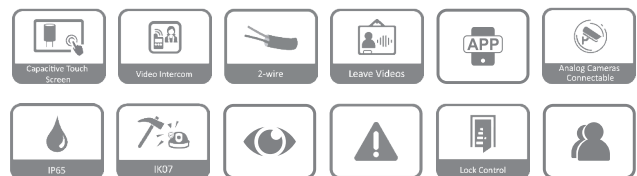


### 2-wire Wi-Fi Hybrid Indoor Monitor:

- 4.3" TFT capacitive touch screen.
- Offers video intercom that communicates with VTOs through half-duplex, and the app through full-duplex.
- Supports recording videos and capturing snapshots. (SD card is required).
- 4-channel alarm input and 1-channel alarm output.
- The app can be used to receive calls and alarm notifications.
- Connects to HDCVI camera.

### 2-wire Hybrid Villa Door Station:

- Aluminium alloy front panel.
- Auto IR illumination.
- Video messages can be left for unanswered calls. (SD card is required for VTH).
- Features nameplate and DWDR.
- Supports local lock and second lock.
- Offers anti-tampering alarm.
- IP65 and IK07 rated.



### Technical Specification

DHI-VTH5113H-W

#### System

Main Processor	Embedded Processor
Operating System	Embedded operating system
Network Protocol	IPv4; UDP; DNS; TCP

#### Basic

Screen Type	Capacitive Touchscreen
Display Screen	4.3" TFT
Screen Resolution	480 (H) × 272 (V)
Audio Compression	G.711a; G.711u; PCM
Audio Input	1 channel
Audio Output	Built-in speaker
Audio Mode	Two-way audio with VTO (half-duplex); Two-way audio with app (full-duplex)
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 kHz; 16 bit

#### Function

Leave Videos	Yes (SD card needed)
DND Mode	Do not disturb period can be set; Do not disturb mode can be set.

Number of Extensions	5
Wi-Fi	Yes
Wireless Standard	IEEE802.11b/802.11g/802.11n
Wireless Frequency Range	2.4 GHz
Max Transmission Power	≤20 dBm@2400-2483.5 MHz
Storage	Micro SD card (up to 64 GB)

#### Port

Alarm Input	4 channels
Alarm Output	1 channel
Door Bell	Yes (use the alarm input port)

#### Performance

Casing Material	PC + ABS
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#### General

Appearance Color	White
Power Supply	2-wire controller
Power Adapter	Optional

Installation	Surface Mount
Certifications	CE
Accessory	Included: Power cord, alarm ribbon cable, bracket, branch terminal Sold separately: 2-wire controller
Product Dimensions	176.3 mm × 119.3 mm × 20.0 mm (6.94" × 4.70" × 0.79") (H × W × D)
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–95% (RH)
Operating Altitude	0 m–3000 m (0 ft – 9,842.52 ft)
Power Consumption	≤2.2 W (standby), ≤9 W (working)
Gross Weight	548.5 g (1.21 lb)
Anti-corrosion Level	Basic Protection

DHI-VTO2003F

System

Button Type	Mechanical
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Basic

Camera	1/2.8" 2 MP CMOS HDR Camera
Field of View	H: 110°; V: 60°
WDR	DWDR
Noise Reduction	3D NR
Video Resolution	P: 960 (H) × 576 (V) N: 960 (H) × 480 (V)
Video Frame Rate	P: 25 fps N: 30 fps
Light Compensation	Auto IR
Day/Night	Auto(ICR)/Color/B/W
Audio Input	1 channel
Audio Output	Built-in speaker
Audio Mode	Two-way audio (half-duplex)

Function

Unlock Mode	Remote unlock
Leave Videos	Yes (SD card inserted in VTH is needed)

Performance

Casing Material	Aluminum alloy
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Port

RS-485	1 channel
Alarm Output	1 channel
Power Output	1 × 12 V output, 200 mA
Exit Button	1 channel
Door Status Detection	1 channel

Lock Control	1 channel
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Alarm

Tamper Alarm	Yes
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General

Appearance Color	Silver
Power Supply	2-wire controller
Power Adapter	Optional
Installation	Flush mount; Surface mount
Certifications	CE; FCC
Product Dimensions	130 mm × 96 mm × 28.5 mm (5.12" × 3.78" × 1.12")
Protection	IP65 IK07
Operating Temperature	−40 °C to +60°C (−40 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Altitude	0 m–3000 m (0 ft – 9,842.52 ft)
Power Consumption	≤1.5 W (standby), ≤10 W(working)
Gross Weight	502 g (1.11 lb)
Anti-corrosion Level	Basic Protection

VTNC1003C

Port

Power Output	48 V/0.9 A
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Performance

Casing Material	PC+ABS
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General

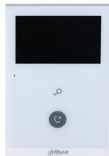
Appearance Color	White
Power Supply	48 VDC
Power Adapter	48 V/0.9 A
Certifications	CE/FCC
Accessory	Line termination terminal
Product Dimensions	65.2 mm × 46.2 mm × 23.2 mm (2.57" × 1.82" × 0.91")
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–95% (RH)
Operating Altitude	0 m–3,000 m (0 ft–9,842.51 ft)
Power Consumption	3.5 W
Gross Weight	130 g (0.29 lb)
Anti-corrosion Level	Basic Protection

Ordering Information		
Type	Model	Description
Kit	DHI-KTX02(S)	Video Intercom Kit. It includes: DHI-VTO2003F: 2-wire Hybrid Villa Door Station DHI-VTH5113H-W: 2-wire Wi-Fi Hybrid Indoor Monitor VTNC1003C: 2-wire Controller VTM115: Surface mount Box 1 × Power Adapter 1 × Power Cord
	DHI-KTX02(F)	Video Intercom Kit. It includes: DHI-VTO2003F: 2-wire Hybrid Villa Door Station DHI-VTH5113H-W: 2-wire Wi-Fi Hybrid Indoor Monitor VTNC1003C: 2-wire Controller VTM114: Flush Mounted Box 1 × Power Adapter 1 × Power Cord

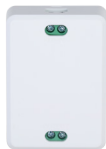
DHI-KTX02(F)



DHI-VTO2003F



DHI-VTH5113H-W



VTNC1003C



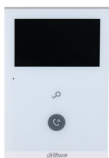
VTM114

Relevant Products

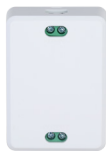
DHI-KTX02(S)



DHI-VTO2003F



DHI-VTH5113H-W



VTNC1003C

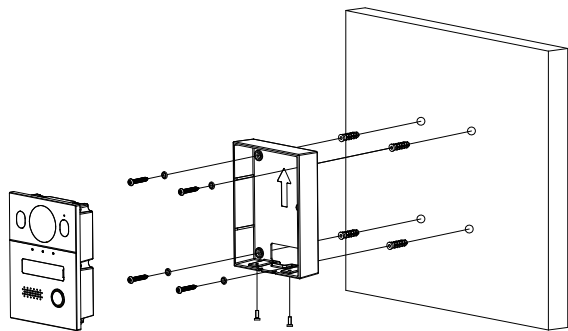
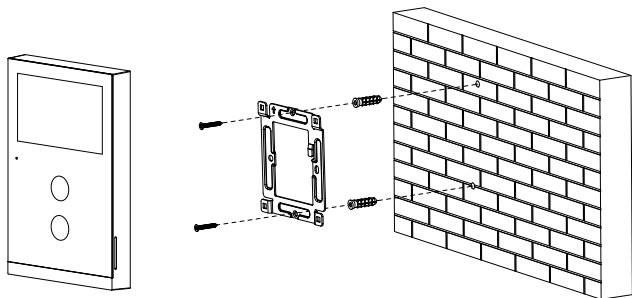


VTM115

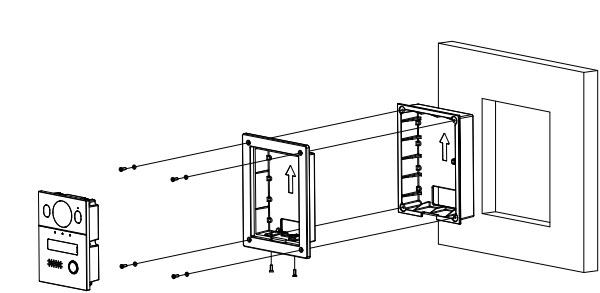


VTM114

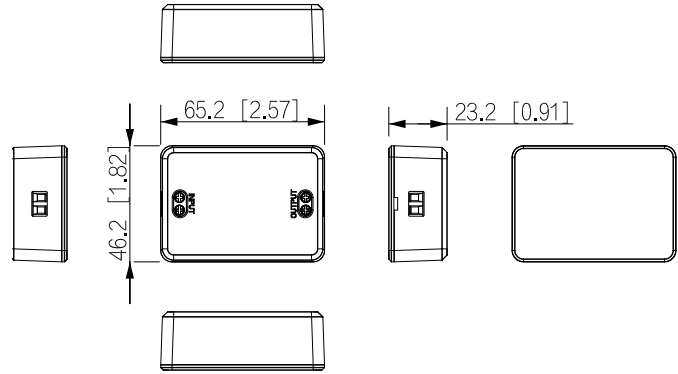
Installation (mm[inch])



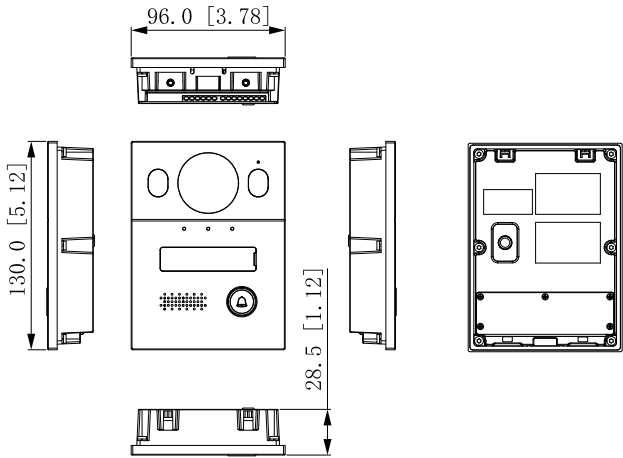
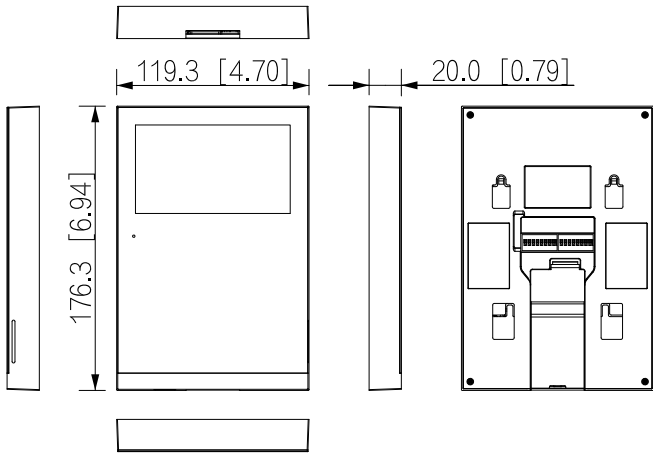
DHI-KTX02(S)



DHI-KTX02(F)



Dimensions (mm[inch])



Application

