

2-wire Villa Door Station & 2-Wire IP and Wi-Fi Indoor Monitor





Technical Specification

DHI-VTH2622GW-W

System

System		
Main Processor	Embedded processor	
Operating System	Embedded Linux operating system	
Interoperability	ONVIF; SDK	
Network Protocol	RTSP; RTP; SIP; DNS; SSH	
ROM	128 MB	
RAM	128 MB	
CPU	Dual core 1.2 GHz	
Basic		
Screen Type	Capacitive touchscreen	
Display	7" TFT	
Screen Resolution	1024 × 600	
Audio Compression	G.711a; G.711u; PCM	
Audio Input	1	
Audio Output	Built-in speaker	
Audio Mode	2-way Audio	
Audio Enhancement	Echo suppression	
Audio Bit Rate	16 kHz; 16 bit	
Function		
Communication Mode	Digital 2-wire	
Information Release	Receive and view text information released by the management center	

2-wire & Wi-Fi Indoor Monitor

- 7" TFT capacitive touch screen, 1024 × 600
- 6-channel alarm input and 1-channel alarm output
- Wi-Fi
- · Door station and IPC monitor
- H.264 and H.265 video decoding
- 2-wire digital communication
- High performance & cost-effective

2-wire Villa Door Station

- Anodized alumimum front panel
- CMOS low illumination 2 MP HD colorful 160° fisheye camera
- Video intercom function
- Access control function that supports two locks
- Mobile phone app, talk to the visitor or unlock the door remotely on your phone
- Compatible with 2-wire interface & RJ45 interface
- IK07 & IP65
- H.264 and H.265 encoding
- Surface and flush mount



Leave Videos	Yes (SD card inserted in VTO is needed)	
DND Mode	Do not disturb period can be set; Do not disturb mode	
Wi-Fi	Yes	
Wireless Standard	IEEE802.11b/802.11g/802.11n	
Wireless Frequency Range	2,412–2,472 MHz	
Wireless Security Encryption	WPA/WPA2; WPA-PSK/WPA2-PSK	
Performance		
Casing	PC + ABS	
Port		
Alarm Input	6	
Alarm Output	1	
Door Bell	Yes (use any alarm input port)	
Network	One two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)	
Storage	Micro SD Card, Max 64 GB (reserved for software)	
General		
Appearance Color	White	

Power Supply	48 VDC 1.25 A	
Installation	Surface mount	
Certifications	CE; FCC	
Accessory	Bracket and alarm ribbon cable (included)	
Dimensions	189.6 mm × 134.6 mm × 26.0 mm (7.50" × 5.30" × 1.00")	
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)	
Operating Humidity	10%–95% RH (non-condensing)	
Operating Altitude	Beneath 3000 m (9842.52 ft)	
Power Consumption	Standby ≤2 W; working ≤6 W	
Net Weight	0.34 kg (0.74 lb)	
Gross Weight	0.58 kg (1.27 lb)	

DHI-VTO2202F-L

Main ProcessorEmbedded ProcessorQperating SystemEmbedded Linux operating systemButton TypeMechanicalInteroperabilityONVIF; CGINetwork ProtocolIPv4; RTSP; UDP; DNS; P2P; UPPP; RTP; TCP; SIPRoM128 MBCPU1 GHzCPU1 GHzAlarmYesSoS AlarmYesBasicSofor/IRField of View1: 168.6"; V: 87.1; D: 176.7"Field of View1.9 mmFocal Length1.20 dBVideo CompressionNAVideo ResolutionSo H2: Sof H2: Sof H2: Sof H3: Sin stream (720p@25 fps), sub stream (1080p@25 fps) Sub stream (System		
Function TypeMechanicalButton TypeMechanicalInteroperabilityONVIF; CGINetwork ProtocolIPv4; RTSP; UDP; DNS; P2P; UPnP; RTP; TCP; SIPROM128 MBRAM256 MBCPU1 GHzAlarm1 GHzSOS AlarmYesBasicVesCamera1/2.5" 2MP CMOS high definition, low illumination/WDR, cloor/IRField of View1.9 mmField of View1.9 mmWDR120 dBNoise Reduction3D NRVideo Compression1.265; H.264Video Frame Rate25 fpsVideo Frame Rate25 fpsVideo Bit Rate56 kbps to 4 MbpsLight CompensationAuto IR	Main Processor	Embedded Processor	
InteroperabilityONVIF; CGINetwork ProtocolIPv4; RTSP; UDP; DNS; P2P; UPnP; RTP; TCP; SIPROM128 MBRAM256 MBCPU1 GHzAlarmYesSOS AlarmYesBasic	Operating System	Embedded Linux operating system	
InterceptionInterceptionNetwork ProtocolIPv4; RTSP; UDP; DNS; P2P; UPnP; RTP; TCP; SIPROM128 MBRAM256 MBCPU1 GHzAlarm1 GHzTamper AlarmYesSOS AlarmYesBasicImper AlarmCamera1/2.5" 2MP CMOS high definition, low illumination/WDR, color/IRField of ViewH: 168.6"; V: 87.1; D: 176.7"Field of View1.20 dBMDR120 dBVideo CompressionJACS; H.264Video ResolutionSO H2: Main stream (720p@25 fps), sub stream (1080p@25 fps) Main stream (720p@30 fps), sub stream (1080p@30 fps)Video Bit Rate25 fpsVideo Bit Rate25 fpsLight CompensationAto IR	Button Type	Mechanical	
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Tamper AlarmYesSOS AlarmYesBasicJob 2000 (String String	CPU	1 GHz	
IdentifiedYesBasic1/2.5" 2MP CMOS high definition, low illumination/WDR, color/IRCamera1/2.5" 2MP CMOS high definition, low illumination/WDR, color/IRField of View1.19 mmFocal Length1.9 mmWDR120 dBNoise Reduction3D NRVideo CompressionH.265; H.264Video ResolutionSo H2: Main stream (720p@25 fps), sub stream (1080p@25 fps) GO H2: Main stream (720p@30 fps), sub stream (1080p@30 fps)Video Bit Rate25 fpsLight CompensationAuto IR	Alarm		
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Camera1/2.5" 2MP CMOS high definition, low illumination/WDR, color/IRField of ViewH: 168.6°; V: 87.1; D: 176.7°Focal Length1.9 mmWDR120 dBNoise Reduction3D NRVideo CompressionH: 265; H.264Video Resolution50 Hz: Main stream (720p@25 fps), sub stream (1080p@25 fps) do Hz: Main stream (720p@30 fps), sub stream (1080p@30 fps)Video Frame Rate25 fpsVideo Bit Rate256 kbps to 4 MbpsLight CompensationAuto IR	SOS Alarm	Yes	
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Focal Length1.9 mmWDR120 dBNoise Reduction3D NRVideo CompressionH.265; H.264Video Resolution50 Hz: Main stream (720p@25 fps), sub stream (1080p@25 fps) Main stream (720p@30 fps), sub stream (1080p@30 fps)Video Frame Rate25 fpsVideo Bit Rate256 kbps to 4 MbpsLight CompensationAuto IR	Camera		
WDR120 dBNoise Reduction3D NRVideo CompressionH.265; H.264Video ResolutionSO H2: Main stream (720p@25 fps), sub stream (1080p@25 fps) Go H2: Main stream (720p@30 fps), sub stream (1080p@30 fps)Video Frame Rate25 fpsVideo Bit Rate256 kbps to 4 MbpsLight CompensationAuto IR	Field of View	H: 168.6°; V: 87.1; D: 176.7°	
Noise Reduction 3D NR Video Compression H.265; H.264 Video Resolution So Hz: Main stream (720p@25 fps), sub stream (1080p@25 fps) of Hz: Main stream (720p@30 fps), sub stream (1080p@30 fps) Video Frame Rate 25 fps Video Bit Rate 256 kbps to 4 Mbps Light Compensation Auto IR	Focal Length	1.9 mm	
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Video Resolution S0 Hz: Main stream (720p@25 fps), sub stream (1080p@25 fps) Main stream (720p@30 fps), sub stream (1080p@30 fps) Video Frame Rate 25 fps Video Bit Rate 256 kbps to 4 Mbps Light Compensation Auto IR	Noise Reduction	3D NR	
Video ResolutionMain stream (720p@25 fps), sub stream (1080p@25 fps) 60 H2: Main stream (720p@30 fps), sub stream (1080p@30 fps)Video Frame Rate25 fpsVideo Bit Rate256 kbps to 4 MbpsLight CompensationAuto IR	Video Compression	H.265; H.264	
Video Bit Rate 256 kbps to 4 Mbps Light Compensation Auto IR	Video Resolution	Main stream (720p@25 fps), sub stream (1080p@25 fps) 60 Hz:	
Light Compensation Auto IR	Video Frame Rate	25 fps	
	Video Bit Rate	256 kbps to 4 Mbps	
Day/Night Yes	Light Compensation	Auto IR	
	Day/Night	Yes	

Audio Compression	G.711a; G.711u; PCM	
Audio Input	1-channel	
Audio Output	Built-in speaker	
Audio Mode	2-way Audio	
Audio Enhancement	Echo suppression/digital noise reduction	
Audio Bit Rate	16 kHz, 16 bit	
Status Indicator Light	3	
Function		
Communication Mode	Full digital; 2-wire	
Unlock Mode	Remote	
Leave Videos	Yes (SD card inserted in VTO is needed)	
Storage	Micro SD card (up to 64 GB)	
Performance		
Casing	Aluminum alloy	
Port		
RS-485	1	
Electric Lock	1	
Alarm Output	1	
Power Output	1 × 12 VDC output, 200 mA	
Exit Button	1	
Door Status Detection	1	
Lock Control	1	
Network	RJ-45 port, 10 Mbps/100 Mbps self-adaptive	
General		
Appearance Color	Silver	
Power Supply	48 VDC 1.25 A	
Installation	Flush/Surface mount	
Certifications	CE; FCC	
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	Beneath 3000 m (9842.52 ft)	
Power Consumption	≤6 W	
Net Weight	0.35 kg (0.77 lb)	
Gross Weight	0.4 kg (0.88 lb)	

Ordering Information			
Туре	Model	Description	
DHI-KTD02	DHI-KTD02 (F)	Video Intercom Kit. It includes: DHI-VTH2622GW-W:2-wire & Wi-Fi Indoor Monitor DHI-VTO2202F-L: 2-wire IP Villa Door Station VTM114: Flush mounted box	
	DHI-KTD02 (S)	Video Intercom Kit. It includes: DHI-VTH2622GW-W: 2-wire & Wi-Fi Indoor Monitor DHI-VTO2202F-L: 2-wire IP Villa Door Station VTM115: Surface mounted box	

Relevant Products

DHI-KTD02 (F)



DHI-VTO2202F-L



VTM114 (Flush mounted,Front) DHI-KTD02 (S)



DHI-VTO2202F-L



VTM115



DHI-VTH2622GW-W

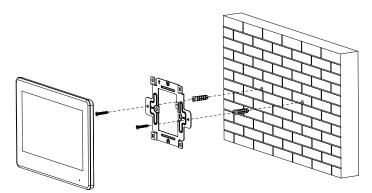


VTM114 (Flush mounted,Back)

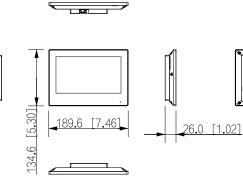


DHI-VTH2622GW-W



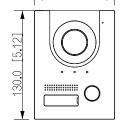


Dimensions (mm[inch])



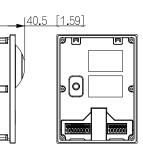


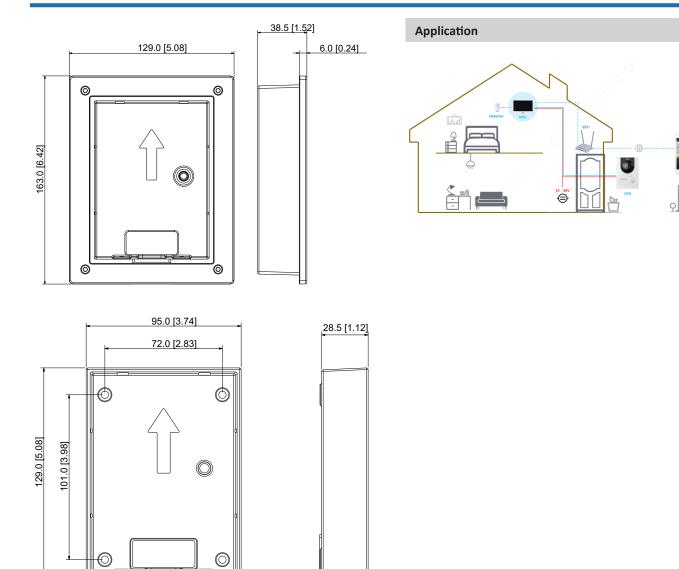




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