

DHI-VTO2301R-P

IP Villa Door Station



- Ultra slim design.
- PC and ABS material make it ideal for indoor and outdoor use.
- 1/2.8" 2-MP HD CMOS camera.
- Performs video intercom and remote unlock through the VTH.
- Video and voice messages from visitors can be checked on the indoor monitor.
- Video call and unlocking through app.
- IR illumination and auto WDR.
- IP65 rated.
- H.264 and H.265.
- PoE power supply.



Technical Specification

System

Main Processor	Embedded Processor
Button Type	Mechanical
Interoperability	ONVIF; CGI
Network Protocol	RTSP; DNS; P2P; UPnP; RTP; RTMP; SIP; SSH; HTTP/HTTPS; ONVIF

Basic

Camera	1/2.8" CMOS 2-MP HD camera
Field of View	H: 110°; V: 62°; D: 133°
WDR	120 dB
Noise Reduction	3D NR; 2D NR
Video Compression	H.264; H.265
Video Resolution	Main stream: 720p, WVGA, D1, and CIF; Sub stream: 1080p, WVGA, D1, QVGA, and CIF
Video Frame Rate	PAL: 25 fps NTSC: 30 fps
Video Bit Rate	768 kbps–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
Audio Output	Built-in speaker

Audio Mode	Two-way audio
Audio Enhancement	Echo suppression/digital noise reduction; Echo suppression; Digital noise reduction
Audio Bit Rate	16 kHz, 16 bit

Function

Communication Mode	Full digital
Auto Snapshot	Yes (SD card is inserted in the indoor monitor or door station)
Leave Videos	Yes (SD card inserted in VTH/VTO is needed)
Web Configuration	Yes
Storage	Micro SD card (max. 256 GB)

Performance

Casing	PC + ABS
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Port

Network Port	1 × RJ-45 10/100 Mbps Ethernet port
Exit Button	1
Door Status Detection	1
Lock Control	1

Alarm

Tamper Alarm	Yes
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General

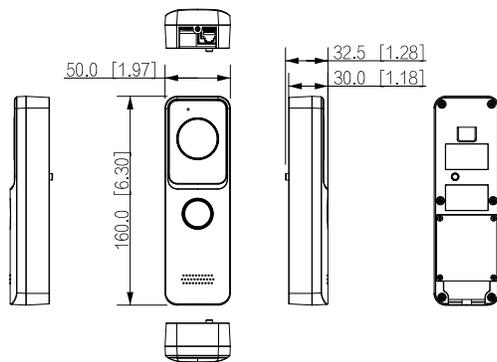
Appearance color	Light grey
Power Supply	12–33 VDC, 1 A ; Standard PoE

Power Adapter	Optional
Installation	Surface Mount
Certifications	CE
Accessory	Included: Alarm power ribbon cable, rain cover
Product Dimensions	160 mm × 50 mm × 30 mm (6.30" × 1.97" × 1.18")
Protection	IP65
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Altitude	0 m–3,000 m (0 ft–9,842.51 ft)
Power Consumption	≤ 3.5 W (standby), ≤ 5.5 W (working)
Gross Weight	0.39 kg (0.86 lb)
Net Weight	0.17 kg (0.37 lb)

Ordering Information

Type	Model	Description
IP Villa Door Station	DHI-VTO2301R-P	Dahua Linux Grey Plastic IP Villa Door Station

Dimensions (mm[inch])



Application

