

DHI-VTO2202FB-P-S3

2-wire IP Villa Door Station



Technical Specification

System

Main Processor	Embedded Processor	
Operating System	Embedded Linux Operation System	
Button Type	Mechanical	
Number of Buttons	1	
Interoperability	ONVIF; CGI	
Network Protocol	IPv4; RTSP; UDP; DNS; P2P; UPnP; RTP; TCP; SIP	
Basic		
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	

- · 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.
- IKO7 & IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- Support surface and flush mount.
- 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 802.3.at standard).











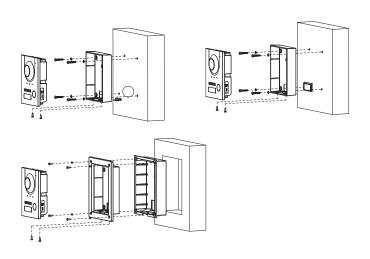
Audio Bit Rate	16 kHz, 16 bits	
Function		
Communication Mode	Digital 2-wire	
Unlock Mode	Remote	
Leave Videos	Yes (SD card is inserted in the indoor monitor or door station)	
Storage	Supports Micro SD card (up to 256 GB)	
Web Configuration	Yes	
Performance		
Casing Material	Aluminum	
Port		
RS-485	1	
Alarm Output	1	
Power Output	1 port, 12 V/600 mA	
Exit Button	1	
Door Status Detection	1	
Lock Control	1	
Network Port	1 × RJ-45 port, 10/100 Mbps network port	
Alarm		
Tamper Alarm	Yes	

General

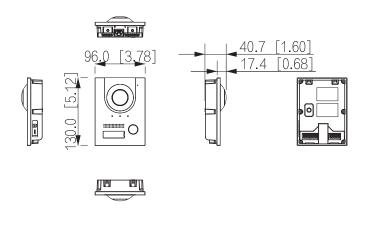
Appearance Color	Black
Power Supply	Dahua 2-wire switch (max. power supply distance is 50 m) 48 VDC, 1 A; PoE (802.3af/at)
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE
Accessory	Rain cover (optional)
Product Dimensions	130 mm × 96 mm × 28.5 mm (5.12" × 3.78" × 1.12")
Protection	IK07; IP65
Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Environment	Outdoor
Operating Altitude	0 m-3000 m (0 ft-9842.52 ft)
Power Consumption	≤4 W (standby), ≤5 W (working)
Gross Weight	0.48 kg (1.06 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75% (RH), non-condensing

Ordering Information			
Туре	Model	Description	
2-wire IP Villa Door Station	DHI-VTO2202FB-P-S3	2-wire IP Villa Door Station	
Accessories	VTM05RB	Surface-mounted rain cover for VTO2202F	
Power Supply	DHI-VTNS2003B-2-A	2-wire Switch	
	DHI-VTNS1001B-2-A	2-wire Switch	

Installation



Dimensions (mm[inch])



Application

