

DHI-VTO4202FB-P-S2

2Mp Modular Apartment Door Station



- Anodized aluminum front panel
- CMOS low illumination 2MP HD colorful 160° fisheye camera
- Video intercom function
- Access control function that supports two locks
- Uses a smartphone app to talk to visitors or unlock the door remotely on your phone
- Compatible with 2-wire interface & RJ45 interface
- IK07&IP65
- Supports H.265 encoding
- Support surface and flush mount
- Expandable functions with various modules



Technical Specification

System

Main Processor	Embedded processor
Operating System	Embedded Linux operation system
Button Type	Mechanical
Interoperability	ONVIF; CGI
Network Protocol	SIP; P2P; IPv4; UPnP; DNS; RTSP; RTP; TCP; UDP

Basic

Camera	1/2.5" 2MP CMOS low illumination HD colorful fisheye camera
Field of View	Horizontal: 168.6°; vertical: 87.1; diagonal: 176.7°
Focal Length	1.9 mm
WDR	120 dB
Noise Reduction	3D DNR
Video Compression	H.265
Video Resolution	50 Hz: Main stream (720P@25 fps), sub stream (1080P@25 fps) 60 Hz: Main stream (720P@25 fps), sub stream (1080P@25 fps)
Video Frame Rate	25 fps
Video Bit Rate	256 Kbps to 4 Mbps
Light Compensation	Auto IR
Day/Night	Auto (ICR)
Audio Compression	G.711a; G.711u; PCM

Audio Input	1 channel
Audio Output	Built-in speaker
Audio Mode	two-way voice communication
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 KHz, 16 Bit
Status Indicator Light	3

Port

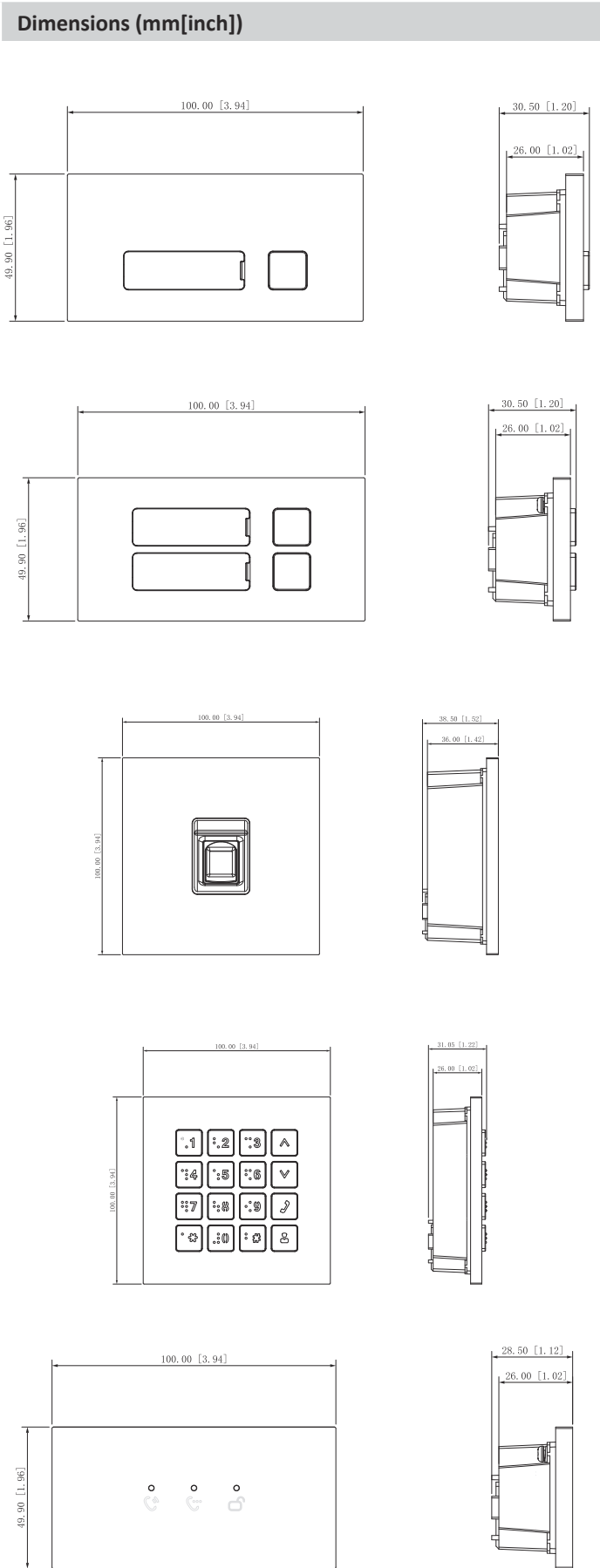
RS485 Port	1
Alarm Output	1
Power Output	1-ch 12 VDC 100 mA
Exit Button	1
Door Status Detection	1
Lock Control	1
Network Port	One RJ45 10 M/100 M network port

General

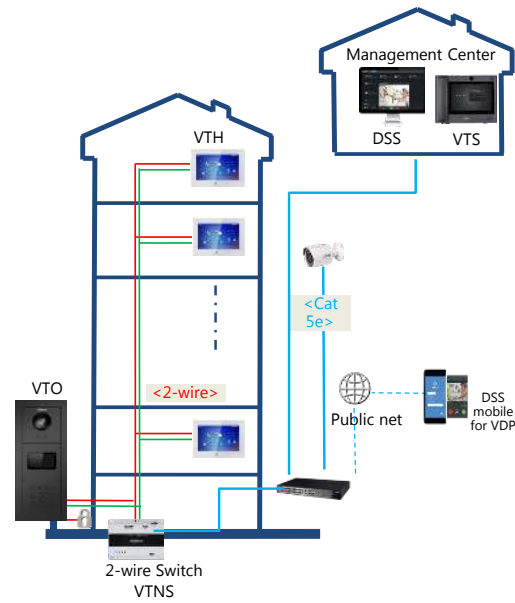
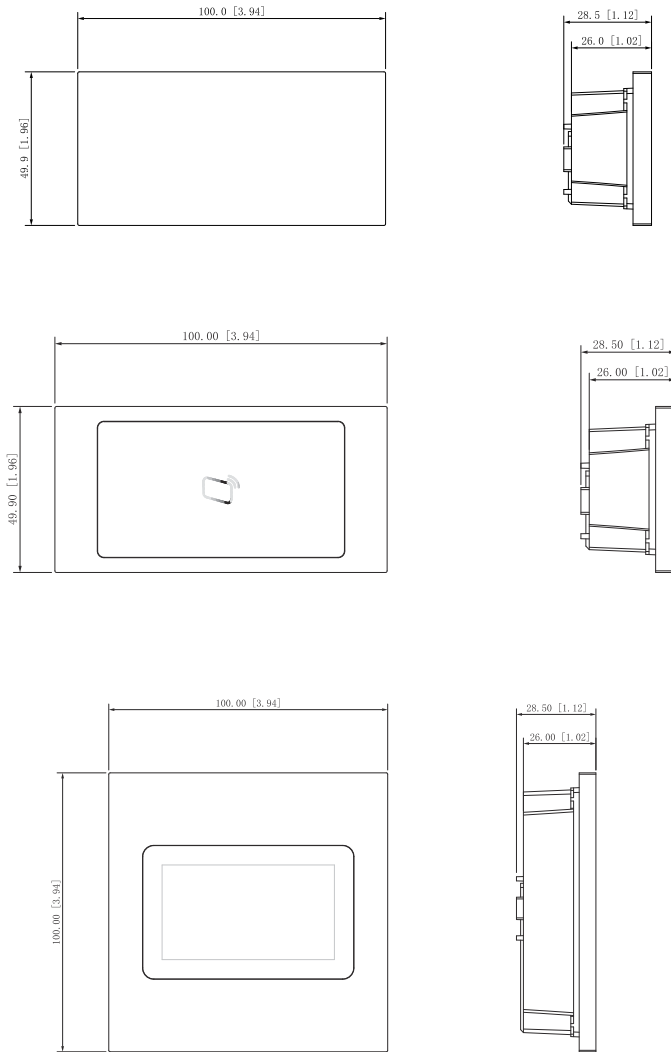
Appearance color	Black
Power Supply	Dahua 2-wire switch (max. power supply distance 50 m) DC 48V 1A Standard PoE
Power Adapter	Optional
Installation	Flush/surface mount

Certifications	CE; FCC; UL
Accessory	Modular mounting box or rain cover
Product Dimensions	100 mm × 100 mm × 36 mm (3.94" × 3.94" × 1.41")
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–3000 m
Power Consumption	≤ 12W
Net Weight	0.35 kg (0.77 lb)
Gross Weight	0.4 kg (0.88 lb)

Ordering Information		
Type	Model	Description
Modules	DHI-VTO4202FB-P-S2	Camera module
	DHI-VTO4202FB-MB1	One-button module
	DHI-VTO4202FB-MB2	Two-button module
	DHI-VTO4202FB-MB5	Five-button module
	DHI-VTO4202FB-MS	Display module
	DHI-VTO4202FB-ML	Indicator module
	DHI-VTO4202FB-MK	Keyboard module
	DHI-VTO4202FB-MF	Fingerprint module
	DHI-VTO4202FB-MR	Card swiping module
	DHI-VTO4202FB-MR1	ID card swiping module
	DHI-VTO4202FB-MN	Blank Module
Accessories	VTM25P2	Two-modular mounting plate
	VTM24P3	Three-modular mounting plate
	VTM127	Two-modular mounting box
	VTM128	Three-modular mounting box
Rain Cover	VTM26R2	Surface-mounted rain cover for one 2-module VTO4202FB
	VTM27R3	Surface-mounted rain cover for one 3-module VTO4202FB
	VTM28R4	Surface-mounted rain cover for multiple 2-module VTO4202FB
	VTM29R6	Surface-mounted rain cover for multiple 3-module VTO4202FB
	VTM30R2	Pole-mounted rain cover for 2-module VTO4202FB



Application



Low labor cost:

- (1) Centralized power supply.
- (2) No need to redeploy 2-wire branch lines.