DHI-VTO6521F-S2

IP Apartment Door Station



- 4.3" LCD with a resolution of 800 × 480.
- 2MP HD camera.
- Supports smart illumination, which can reduce light pollution.
- Supports 40,000 users and 20,000 cards.
- Offers multiple types of alarms such as duress, tamper, emergency and alarms from door detectors.
- Supports leaving audio and video messages when no one responds through the indoor monitor. (an SD card is required)
- Supports multiple unlock methods including password, IC card, QR code, and unlocks remotely.
- Unlocks the door through the indoor monitor, management center and app.
- Provides 12 VDC, 700 mA power for the extension module or card reader (locks require an extra power supply).
- IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- 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.） .

Functions

Video Intercom

Video intercom can be used with the Indoor Monitor (VTH), Master Station (VTS) and app.

Scene

Ideal for use in multiple scenes such as office buildings, compound buildings, communities, etc.



Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded Linux operating system
Button Type	Mechanical
Interoperability	ONVIF;CGI
Network Protocol	RTSP;DNS;FTP;RTP;RTMP;SIP;SSH;HTTP/HTTPS;ONVIF

Basic

Screen Type	Non-touchscreen
Display Screen	4.3-inch display screen
Screen Resolution	800 (H) × 480 (V)
Camera	1/2.8" 2MP CMOS high-definition, low illumination, cameras
Field of View	H: 95°; V: 50°; D: 110°
WDR	120 dB
Noise Reduction	3D NR

Video Compression	H.264; H.265
Video Resolution	Main stream: 720P/D1/WVGA; Sub stream: 1080P/720P/D1/WVGA/CIF/QVGA
Video Frame Rate	25 fps
Video Bit Rate	1,024 kbps–8,192 kbps
Light Compensation	Auto white light
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
Audio Bit Rate	16 KHz, 16 bit

Function

Communication Mode	Full digital
Verification Method	Card;Password;Remote;QR Code
Card Type	IC card

Bluetooth	Yes
Auto Snapshot	Yes
Information Release	Receive and view text information released by the management center.
Elevator Control	Residents and visitors can call elevators. Permissions can also be granted to access floors through access control.
Leave Videos	Yes (SD card is inserted in the indoor monitor or door station)
Web Configuration	Yes
Auto Registration	Yes

Performance

Card Reading Distance	0 cm–5 cm (IC card)
Issue Card Locally	Yes
Casing Material	Aluminum alloy

Capacity

Card Capacity	20000

Port

RS-485	1
Wiegand	1 (they can be set as an input or output port)
Alarm Input	2 channel
Alarm Output	2 channel
Power Output	1 (12 V, 600 mA)
Exit Button	1 channel
Door Status Detection	1 channel
Lock Control	1 channel, open by default
Network Port	1 × 10 Mbps/100 Mbps Ethernet port

Alarm

Tamper Alarm	Yes

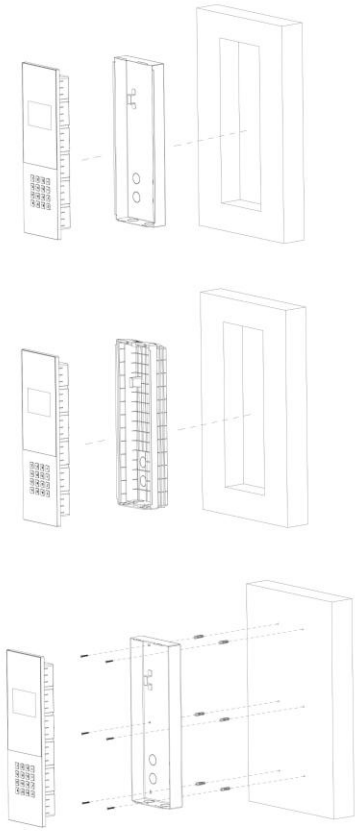
General

Unlock Password Mode	User, public and duress passwords
Appearance Color	Silver
Power Supply	12 VDC, 2 A; Standard PoE
Power Adapter	Optional
Installation	Wall Mount;Flush Mount
Certifications	CE
Accessory	Power supply (optional); Flush mount box (optional);
Product Dimensions	389 mm × 145 mm × 44.1 mm (15.31" × 5.71" × 1.74")
Protection	IP65 rated (Silicone sealant is required. See the quick start guide for more information).
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Altitude	0 m–3,000 m (0 ft–9842.52 ft)
Power Consumption	≤5 W (standby), ≤18 W (working)
Gross Weight	1.69 kg (3.73 lb)

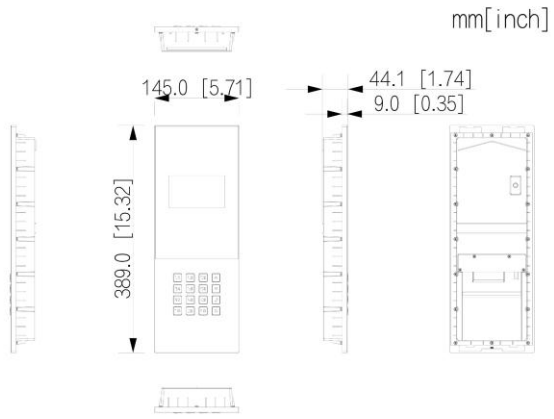
Ordering Information

Type	Model	Description
Apartment Door Station	DHI-VTO6521F-S2	IP Apartment Door Station

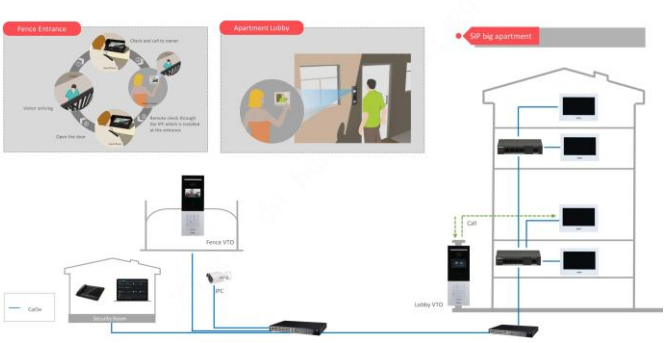
Installation



Dimensions (mm[inch])



Application



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