

# DHI-VT09541D

## Apartment Door Station



- 10 inch high definition display; capacitive touch screen; resolution: 800(H)×1280(V)
- Support face, fingerprint, password, and card unlock
- Full duplex communication
- Outdoor stations can be managed through the platform; support voice communication between mobile app and platform
- 2 MP low illuminance wide dynamic dual camera; white light fill light and IR fill light, fill light brightness can be adjusted
- Card capacity: 100, 000 cards; face capacity: 100, 000 face images; fingerprint capacity: 10, 000 fingerprints
- Face-camera distance: 0.3 m–3 m; Human height: 1.1 m–2.4 m
- Face verification accuracy>99%; face comparison speed ≤0.2s per person; false recognition rate<0.1%
- Face profiles can be recognized, the profile angle range is 0°–90°
- With face detection box; the largest face among faces that appear at the same time is recognized first; the maximum face size can be configured on the web
- Support liveness detection
- Support duress alarm, tamper alarm, and fire alarm
- IK07; IP65 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)
- Outdoor , Support flush mount



Technical Specification	
System	
Processor	Embedded processor Clock rate: Dual core A53 1.2GHz
Operating System	Embedded LINUX
Internet Protocol	IPv4, FTP, DNS, RTSP, RTP, TCP, UDP, SIP
Keyboard Type	Touch screen QWERTY keyboard
Basic	
Screen Type	Capacitive screen
Display	10 inch LCD
Screen Resolution	800(H)×1280(V)

Camera	1/2.8" 2MP CMOS low illumination dual camera
Angle of View	H: 94.16°, V: 49.57°, D: 113.65°
Focal Length	4.0 mm
WDR	120db
Noise Reduction	3D noise reduction
Video Encoding	H.264
Frame Rate	50Hz: Main Stream (720P@25fps), sub stream (1080P@25fps) 60Hz: Main Stream (720P@30fps), sub stream (1080P@30fps)
Video Bit Rate	H.264: 256Kbps–2048Kbps

Light Compensation	Auto white light Auto IR light
Day/Night Switch	Yes
Audio Encoding	G.711u
Audio Input	1 omnidirectional microphone
Audio Output	Built-in 1.5 W speaker
Audio Mode	Full duplex communication
Audio Enhancement	Echo suppression and cancellation/digital noise reduction
Audio Bit Rate	16KHz, 16Bit
Status Indicator	Card Swiping Indicator

### Function

Communication Methods	Full digital
Unlock Mode	Remote/Password/Fingerprint/Face unlock/Card
Card Reading Type	IC card
Motion Detection	Video Motion Detection
Auto Snapshot	Yes
Information Release	Words, pictures, and videos can be played on the outdoor station
Leave Photos and Messages	Yes
Storing Function	Extensible 64G TF card
Web Configuration	Yes

### Performance

Card Reading Distance	3cm
Issue Card Locally	Yes
Face Recognition Range	0.3m–3m
Face Recognition Configuration	Anti-fake Threshold
Face Verification Accuracy	>99%
Face Recognition Speed	≤0.2s
Fingerprint Sensor Type	Capacitive
Fingerprint Recognition Time	≤1.5s
Housing Material	Metal frame/Tempered glass

### Capacity

Card Capacity	100,000
Face Image Capacity	100,000
Fingerprint Capacity	10,000

### Port

RS-485	1
Wiegand	1 (input or output)
Alarm Input	2

Alarm Output	2
Power Output Port	1, 12V/100mA
Exit Button	1
Door Status Detection	1
Lock Control	1, normally open or closed by default
Ethernet	1 RJ45, 1 10M/100M/1000M Ethernet port

### Alarm

Tamper Alarm	Yes
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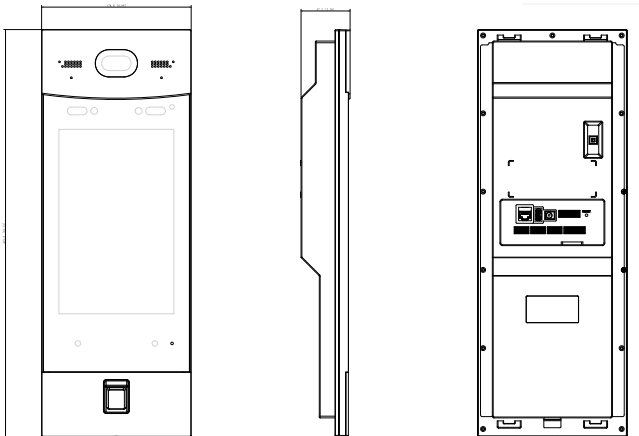
### General

Ingress Protection	IP65 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)
Password Unlock Mode	User password/public password/duress password
Color	Gray
Power Supply Mode	DC 12V/2A
Power Supply	Optional
Installation Method	Wall mounted
Certification	CE, FCC, IK, IP
Accessory	Flush mount plate
Product Dimensions	475.8mm×174.8mm×57.3mm (18.73"×6.88"×2.56")
Protection Grade	IK07; IP65 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)
Working Temperature	-30°C to +60°C (-22°F to +140°F)
Working Humidity	10%RH–90%RH (non-condensing)
Working Altitude	86kPa–106kPa
Power Consumption	≤5W (standby), ≤18W (working)
Net Weight	2.2kg (4.85 lb)
Gross Weight	2.67kg (5.89 lb)

**Ordering Information**

Model	Name
DHI-VTO9541D	Apartment Door Station
VTOB119	Metal Nounting box of unit door stations

**Dimensions (mm[inch])**



**Application**

