

DHI-VTO6531H

Face Recognition Door Station



- 4.3 inch IPS display; screen resolution 800×480
- 2MP CMOS; true WDR
- Face-camera distance: 0.3 m–2 m; human height: 1.1 m–2.4 m (lens-ground distance: 1.4 m)
- Touch button; IP65
- Operating temperature: -30°C to +60°C
- Auto light illumination reduces light pollution
- Multiple unlock modes: Password unlock, IC card unlock, remote unlock and face unlock
- Support 20, 000 users, 10,000 face images, and 10, 000 cards
- Face recognition speed: 0.2 second per person
- Support liveness detection
- Support full duplex; management platform, and voice call through APP
- Support SIP server, and can manage 200 indoor monitors at most
- Support duress alarm, tamper alarm, and door sensor timeout alarm
- Various unlock status display modes protect user privacy



Technical Specification

System

Main Processor	Embedded processor
Operating System	Embedded Linux operating system
Button Type	Touch button
Network Protocol	SIP; P2P; IPv4; FTP; UPnP; DNS; DDNS; RTSP; RTP; TCP; UDP
ROM	4GB
RAM	1GB

Basic

Display Screen	4.3 inch IPS screen
Resolution	800×480
Camera	1/2.7" 2MP CMOS high definition, low illumination, white illuminator and IR illuminator
Field of View	Horizontal: 87.42°; vertical: 46.48 °; diagonal: 104.13°
Focal Length	4.0 mm

Aperture	F1.6
WDR	120dB
Noise Reduction	3D noise reduction
Video Compression	H.264
Video Resolution	Main Stream: 720p, sub stream: 1080P
Frame Rate	Main Stream (720P@25fps), sub stream (1080P@25fps) Main Stream (720P@30fps), sub stream (1080P@30fps)
Video Bit Rate	256Kbps–2048Kbps
Light Compensation	Auto white light Auto IR light
Day/Night	ICR auto switch
Audio Compression	G.711u
Audio Input	1
Audio Output	Built-in speaker
Audio Mode	Full duplex communication

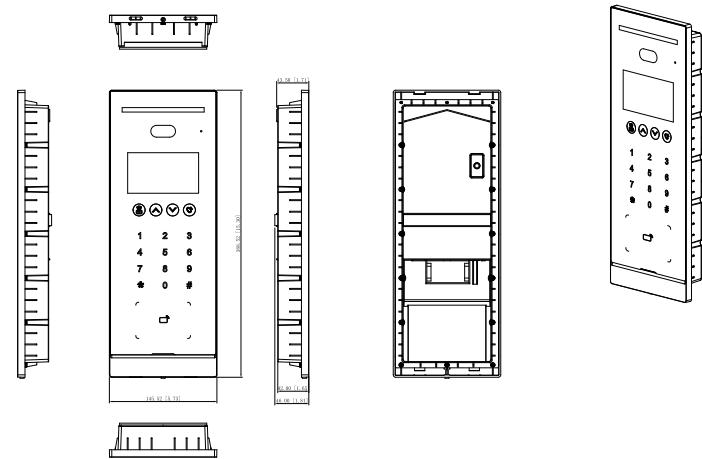
Audio Enhancement	Echo suppression and cancellation/digital noise reduction
Audio Bit Rate	16KHz, 16Bit
Function	
Communication Mode	Full digital
Unlock Mode	Card/Remote/Password/Face unlock
Card Reading Type	IC card
Motion Detection	Video motion detection
Auto Snapshot	Yes
Leave Videos or Text Messages	Yes
Web Configuration	Yes
Performance	
Card Reading Distance	1cm~5cm
Issue Card Locally	Yes
Face Recognition Height Range	1.1m~2.4m is recommended
Face Recognition Distance	0.3m~2cm
Face Recognition Configuration	Recognition threshold Facial profile angle
Face Verification Accuracy	99.5%
Face Recognition Time	0.2s
Casing Material	PC+ABS
Capacity	
Card	10,000
Face Image	10,000
Port	
RS-485	1
Wiegand	1 input port, 1 output port
Electric lock	1
Alarm Input	2 (Digital quantity)
Alarm Output	2 (Digital quantity)
Power Output	1 12V/100mA
Exit Button	1
Door Status Detection	1
Lock Control	1, normally open by default
Network	1 RJ-45 10Mbps/100Mbps self-adaptive
Alarm	
Tamper	Yes
General	
Unlock Password Mode	User password/public password/duress password
Color	Silver

Power Supply Mode	DC 12V2A
Power Supply	Optional
Installation	Surface mount and Flush mount
Certification	CE/FCC
Accessory	Optional
Product Dimensions	388.5mm×145.5mm×43.5mm (15.30"×5.73"×1.71")
Protection Grade	IP65 (silicone sealant is needed, see the quick start guide)
Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Operating Humidity	10RH%~90RH% (non-condensing)
Operating Altitude	86kPa~106kPa
Power Consumption	≤5W (standby), ≤18W (working)
Net Weight	1.0 kg (2.20 lb)
Gross Weight	1.29 kg (2.84 lb)

Ordering Information

Type	Model	Description
Face Recognition Door Station	DHI-VTO6531H	4.3 Inch Face Recognition Door Station
Flush Mounting Plate	VTM121	Flush Mounting Plate for 8 Inch Face Recognition Door Station of model VTO75X1G
Surface Mount Plate	VTM130	Surface Mount Plate (VTM130) for 4.3 Inch Door Station

Dimensions (mm[inch])



Application

