DHI-VTO6521K

Apartment Door Station

- 4.3-inch LCD display with easy-to-press metal buttons; screen resolution 800 × 480.
- 2MP CMOS; true WDR.
- 316 stainless steel panel; IP65, IK08.
- Operating temperature: −30 °C to +60 °C.
- Auto light illumination reduces light pollution.
- Multiple verification methods: Password, IC card, QR code, and remote unlocking.
- Support 20,000 users and 10,000 cards.
- Support full duplex; management platform, and voice call through APP.
- Support SIP server, and can manage 500 indoor monitors at most.
- Support duress alarm, tamper alarm, and door sensor timeout alarm.

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Button Type	Mechanical
Network Protocol	RTSP; DNS; P2P; UPnP; RTP; RTMP; SIP; SSH; HTTP/HTTPS; ONVIF

Basic

Screen Type	Non-touchscreen
Display Screen	4.3" LCD
Resolution	800 (H) × 480 (V)
Camera	1/2.8" CMOS 2-MP low-illumination HD color camera
Field of View	H: 86.4°; V: 46.2°; D: 100.6°
WDR	120 dB
Noise Reduction	3D NR
Video Compression	H.264
Video Resolution	50 Hz: Main stream (720p@25 fps), sub stream (1080p@25 fps) 60 Hz: Main stream (720p@30 fps), sub stream (1080p@30 fps)
Video Frame Rate	25 fps

Video Bit Rate	256 kbps–8 Mbps
Light Compensation	Auto white light
Audio Compression	G.711a; G.711u; PCM
Audio Input	1
Audio Output	Built-in speaker
Audio Mode	2-way voice communication
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 kHz, 16 bit

Function

Communication Mode	Full digital
Unlock Mode	Card; remote; password; QR code
Card Type	IC card
Motion Detection	Video motion detection
Leave Videos	Yes
Web Configuration	Yes

Performance

Card Reading Distance	1 cm–3 cm (0.39"–1.18")
Issue Card Locally	Yes

Casing	316 stainless steel

Capacity

Card Capacity	10,000

Port

RS-485	1
Wiegand	1 (input or output, configurable)
Electric Lock	1
Alarm Input	1 (digital quantity)
Alarm Output	1 (relay)
Power Output	1-ch, 12 V/200 mA
Exit Button	1
Door Status Detection	1
Lock Control	1, normally open by default (can be expanded to 2 channels with RS-485)
Network Port	1 × RJ-45 10/100 Mbps Ethernet port

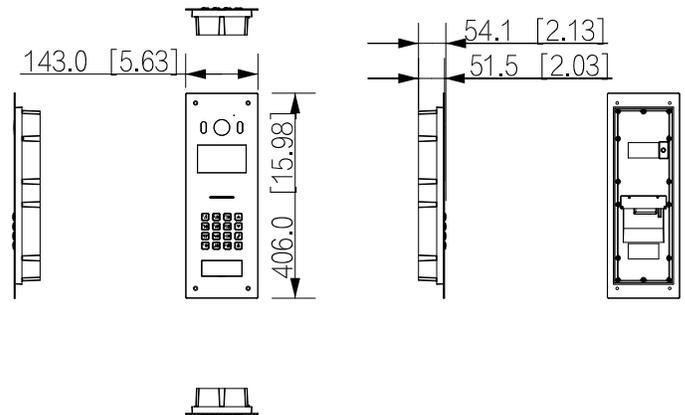## Alarm

Tamper Alarm	Yes

General

Unlock Password Mode	User password; public password; duress password
Appearance color	Silver
Power Supply	12 VDC, 2 A
Power Adapter	Optional
Installation	Flush Mount;Surface Mount
Certifications	CE; FCC
Accessory	Optional: flush mount box, rain cover
Product Dimensions	406 mm × 143 mm × 54.05 mm (15.98" × 5.63" × 2.13")
Protection	IP65 rated (silicone sealant is needed for installation) IK08
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Altitude	0 m–3,000 m (0 ft–9,842.51 ft)
Power Consumption	≤ 5 W (standby), ≤ 18 W (working)
Gross Weight	2.05 kg (4.52 lb)

Ordering Information

Type	Model	Description
Door Station	DHI-VTO6521K	4.3 Inch Door Station
Surface Mount Plate Box	VTM57R	Surface Mounted Box With Rain Cover
Flush Mount Plate Box	DH-VTM103	Flush Mount Box

Dimensions (mm[inch])

143.0 [5.63]   54.1 [2.13]   51.5 [2.03]   406.0 [15.98]

Application

Cat5e

DMSS mobile
Push   Call
IPC
Public net
Lobby VTO
Security Room