

DHI-VTH5421EB-WP-H-S2

IP & Wi-Fi Indoor Monitor with Handset



- 7" TFT Capacitive touch screen, 1024 x 600.
- IPC surveillance.
- Alarm integration.
- High performance and Cost-effective.
- You can answer calls hands free.
- Supports standard PoE.

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded Linux
Network Protocol	IPv4;RTSP;UDP;DNS;FTP;RTP;TCP;SIP
Interoperability	ONVIF

Basic

Screen Type	Capacitive Touchscreen
Display Screen	7-inch display screen
Screen Resolution	1024 (H) × 600 (V)
Audio Compression	G.711a; G.711u; PCM
Audio Input	1 channel
Audio Output	1 built-in speaker and 1 receiver speaker
Audio Mode	Two-way audio
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 kHz, 16 bit
Video Compression	H.264

Function

Communication Mode	Full digital
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Information Release	Receive and view text information released by the management center (After SD card is installed; picture information can be received and viewed)
Elevator Control	You can control the elevator through the indoor monitor
Leave Videos	Yes (SD card is inserted in the indoor monitor or door station)
DND Mode	Yes
Number of Extensions	Villa: 9 extensions; Apartment: 4 extensions
Storage	Supports Micro SD card storage (up to 512 GB)

Network

Wi-Fi	Yes
Wireless Standard	IEEE 802.11b/g/n
Wireless Frequency Range	2.4 GHz
Max. Transmission Power	≤20 dBm@2400–2483.5 MHz

Port

RS-485	1 channel
Alarm Input	6 channels
Alarm Output	1 channel
Power Output	1 port (12 V, 200 mA)
Doorbell	Yes (use the alarm input port)
Network Port	One 10 Mbps/100 Mbps Ethernet port

Alarm

SOS Alarm	Yes
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Performance

Casing Material	PC + ABS
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General

Appearance Color	Black
Power Supply	12 VDC, 1 A; Standard PoE
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE
Accessory	Included: RS-485 and power output cable, bracket and alarm cable.
Product Dimensions	236.0 mm × 165.5 mm × 45.2 mm (9.29" × 6.51" × 1.78") (L × W × H)
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)

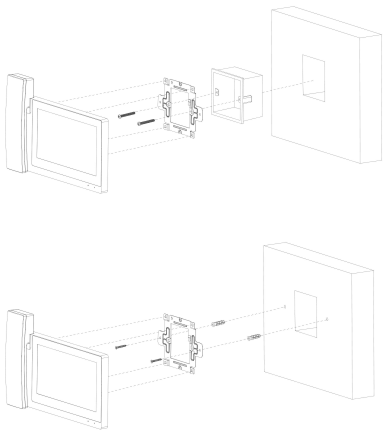
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Operating Humidity	10%–95% (RH), non-condensing
Operating Altitude	≤3,000 m (9,842.52 ft)
Power Consumption	≤3 W (standby), ≤7 W (working)
Gross Weight	0.897 kg (1.98 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75%
Operating Environment	Indoor

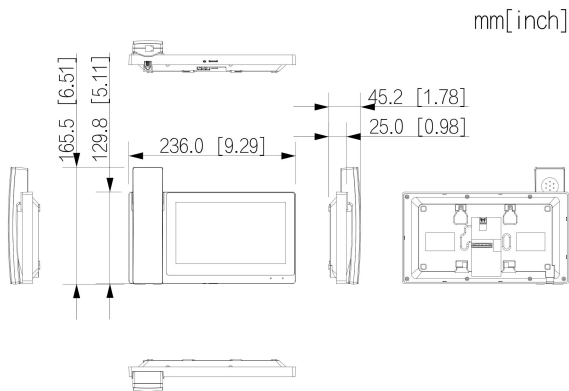
Ordering Information

Type	Model	Description
IP Indoor Monitor	DHI-VTH5421EB-WP-H-S2	IP & Wi-Fi Indoor Monitor with Handset

Installation



Dimensions (mm[inch])



Application

