

IP Color Indoor Monitor

7-inch Touchscreen



- 7-inch TFT screen with 1024 × 600 resolution
- Ideal for residential indoor monitoring
- View and talk to visitors remotely
- Record call sessions
- Monitor surroundings
- Remotely unlock doors
- Retrieve visitor messages
- Alarm integration
- Support standard Power over Ethernet (PoE)
- MicroSD card slot holds up to 32 GB
- Keep your home or business safe and secure

System Overview

The DHI-VTH2421FW-P indoor monitor allows tenants to view and talk with visitors, record call sessions, monitor the surroundings from outdoor stations and IP cameras and remotely unlock doors. Visitors can also leave messages, which can be retrieved from the indoor monitor. The DHI-VTH2421FW-P indoor monitor is used as part of a video intercom solution with compatible outdoor stations.

Technical Specification

System

Main Processor	Embedded Micro Processor
Operating System	Embedded Linux
Display	
Viewing Area	7-in. TFT LCD, Capacitive
Resolution	1024 x 600
Input	Touchscreen Technology
Audio	
Mode	Full Digital Two-way Bidirectional Talk
Audio	G.711A, G.711U, PCM
Input	Built-in Omnidirectional Microphone
Output	Built-in 1.5 W Loudspeaker
Enhancement	Echo Cancellation, DNR
Bit Rate	16 Kbps
Alarm	
Input	Six (6) Channels
Output	One (1) Channel

Network

Video Compression	H.264
Ethernet	One (1) RJ-45 Port
Network Protocol	TCP/IP

Certifications

Safety	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 IEC 60950-1:2005 (Second Edition); Am1:2009 + Am2:2013
Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B EN 55032:2015; EN 61003 2:2014; EN 61000 3 3:2013; EN 55024:2010/A1:2015; EN 55035:2017; EN 50130 4:2011/A1:2014

Electrical

Power	12 VDC or PoE (IEEE802.3af Class 0)
Power Consumption	Standby: ≤ 4 W Operation: ≤ 6 W

Environmental

Operating Temperature	-10° C to +55° C (14° F to +131° F)
Operating Humidity	10% to 95%, Relative

Construction

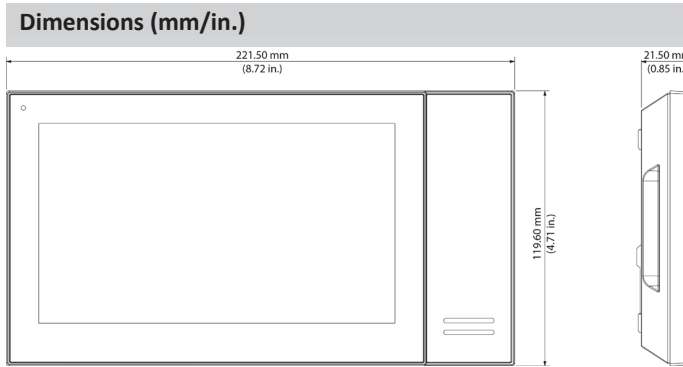
Dimensions	119.60 mm x 221.50 mm x 21.50 mm (4.71 in. x 8.72 in. x 0.85 in.)
Net Weight	0.35 kg (0.77 lb)
Installation	Wall-mount

Outdoor Station Compatibility

The DHI-VTH2421FW-P Indoor Monitor can be used with the following Video Intercom Outdoor Stations:

DHI-VTO2202F-P	IP Outdoor Station, 2 MP
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Ordering Information		
Type	Part Number	Description
IP Indoor Monitor	DHI-VTH2421FW-P	7-in. Capacitive Touchscreen IP Color Monitor
Accessory, optional	ADS-12AM-12 12012EPCU	12 VDC, 1 A Power Adapter



Accessories

Optional



ADS-12AM-12 12012EPCU
12 VDC, 1 A Power Adapter

