

# IP Color Indoor Monitor

## 7-inch Touchscreen



- 7-inch TFT Screen
- 1024 x 600 Resolution
- Simplified Connection and Setup to Compatible Outdoor Stations
- Integrated Micro SD Card Slot, maximum 32 GB
- Perform Call Session Recordings and Take Snapshots of Live Video (requires SD card)
- Setup and Activate up to Six (6) Alarm Inputs

### 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

### 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

### Dimensions (mm/in.)

