

## **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**

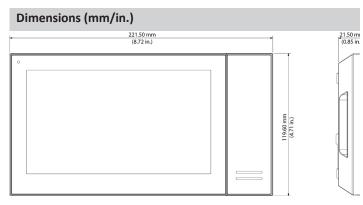
The DHI-VTH2421FW-P indoor monitor allows tenants to view and talk with visitors, record call sessions, monitor the surroundings from outdoor stations and IP cameras and remotely unlock doors. Visitors can also leave messages, which can be retrieved from the indoor monitor. The DHI-VTH2421FW-P indoor 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 610003 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-	Р	IP Outdoor Station, 2 MP		
Ordering Information				
Туре	Part	t 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