

# IP Color Indoor Monitor

### 7-inch Touchscreen



### System Overview

The DHI-VTH1550CH-S indoor monitors allow 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-VTH1550CH-S indoor monitor is used as part of a video intercom solution with compatible outdoor stations.

### SIP Compatibility

Dahua Intercom devices are compatible with the Session Initiation Protocol version 2.0 (SIP), a signaling protocol for Internet conferencing, telephony, presence, event notification, and instant messaging. SIP is widely used to initiate and terminate Voice Over Internet Protocol (VOIP) calls, as well as connect physical devices to mobile applications. Dahua Intercom devices are ideal for single-family homes as well as large residential complexes or commercial properties.

### **Technical Specification**

System		
Main Processor	Embedded Micro Processor	
Operating System	Embedded Linux	
Display		
Viewing Area	7-in. TFT LCD, Capacitive	
Resolution	800 x 400 (WVGA)	
Input	Touchscreen Technology, and Mechanical Keys	
Interface		
Audio	Input: Omnidirectional Microphone Output: Embedded Speaker Two-way Talk	
Audio Compression	G.711	
Alarm	Input: Six (6) Channels Output: One (1) Channel	
Memory	Micro SD, 32 GB maximum	

- 7-inch Capacitive Touch Screen, 800 x 480 Resolution
- Simplified Connection and Setup to Compatible Outdoor Stations
- Monitor up to 32 IP Cameras
- 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
- Surface-mounted



### Network

Network				
Video Compression	H.264			
Ethernet	10/100 Mbps, Self-adaptive			
Network Protocol	TCP/IP			
Third-party Camera Support	ONVIF H.264 Cameras, maximum resolution of 720p			
Management Software	DSS Express/Pro			
Certifications				
Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B ANSI C63.4 - 2009 EN 55022:2010, EN 55024:2010, EN 50130-4:2011, EN 61000-6-3:2007, EN 61000-3-2:2006+A1:2009 EN 61000-3-3:2008, IEC 61000-4-2:2008, IEC 61000-4-3:2010, IEC 61000-4-4:2012, IEC 61000-4-5:2005, IEC 61000-4-6:2008, IEC 61000-4-8:2009, IEC 61000-4-11:2004			
Electrical				
Power	12 VDC Can receive power from DHI-VTNS1060A, or Use a separate 12 VDC power supply			
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 90%, Relative			
Construction				
Dimensions	220.0 mm x 126.0 mm x 22.0 mm (8.66 in. x 4.96 in. x 0.87 in.)			
Net Weight	0.80 kg (1.76 lb)			
Installation	Surface-mount			

## Intercom | DHI-VTH1550CH-S

### **Outdoor Station Compatibility**

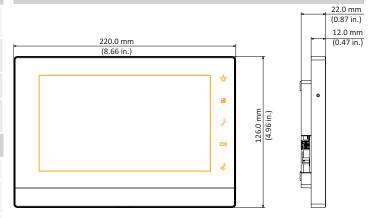
The DHI-VTH1550CH-S Indoor Monitor can be used with the following Video Intercom Outdoor Stations:

DHI-VTO2111D-WP-S	WiFi Outdoor Station with mobile app compatibility (Compatibility with IP only)
DHI-VTO2000A-S	IP Outdoor Station with mobile app compatibility
DHI-VTO1210C-X-S	IP Outdoor Station (Stainless Steel Panel)

### **Ordering Information**

Туре	Part Number	Description
IP Indoor Monitor	DHI-VTH1550CH-S	7-in. Capacitive Touchscreen IP Color Monitor, White Bezel
Accessories, optional	ADS-12AM-12 12012EPCU	12 VDC, 1 A Power Adapter for DHI-VTH1550CH-S
	ADS-110DL-19-1 240072E	24 VDC, 3 A Power Adapter for use with DHI-VTNS1060A
	DHI-VTNS1060A	Network Power Supply

### Dimensions (mm/in.)



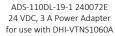
#### Accessories

Optional



ADS-12AM-12 12012EPCU 12 VDC, 1 A Power Adapter for use with DHI-VTH1550CH-S







DHI-VTNS1060A Network Power Supply