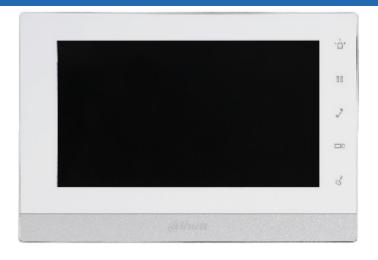


IP Color Indoor Monitor

7-inch Touchscreen



System Overview

The DHI-VTH1550CH 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 or remotely using the iDMSS or gDMSS app. The DHI-VTH1550CH 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	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	Eight (8) Channels	
RS485	One (1) Port	
Memory	Micro SD, 32 GB maximum	
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	SmartPSS Device Connection - Peer-to-Peer (P2P)	

- 7-inch Capacitive Touch Screen, 800 x 480 Resolution
- Simplified Connection and Setup to Compatible Outdoor Stations
- Supports Alarm Integration with 3rd Party Intrusion Devices
- Control up to Two (2) Doors and 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 Eight (8) Alarm Inputs
- Surface-mounted



















Certifications

Safety	Power Supply: UL Certified	
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 61000-4-6:2008, 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: ≤ 1.5 W Operation: ≤ 7.0 W

Environmental

Operating Temperature	-10° C to +55° C (14° F to +131° F)
Operating Humidity	10% to 90%, Relative

Construction

Dimensions	200.45 mm x 136.50 mm x 22.0 mm (7.89 in. x 5.37 in. x 0.87 in.)
Net Weight	0.80 kg (1.76 lb)
Installation	Surface-mount

Outdoor Station Compatibility The DHI-VTH1550CH Indoor Monitor can be used with the following Video Intercom Outdoor Stations: Residential WiFi Outdoor Station with mobile app compatibility DHI-VTO2111D-WP (Compatibility with IP only) DHI-VTO2000A Residential IP Outdoor Station with mobile app compatibility IP Residential Apartment Outdoor Station DHI-VTO1210C-X (Stainless Steel Panel) IP Residential Apartment Outdoor Station DHI-VTO1210B-X (Black Tempered Glass Panel) IP Residential Apartment Outdoor Station DHI-VTO1220BW (White Tempered Glass Panel)

22.0 mm (0.87 in.) 200.45 mm (7.89 in.) (7.89 in.)

Ordering Information

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

Accessories

Optional



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



ADS-110DL-19-1 240072E 24 VDC, 3 A Power Adapter for use with DHI-VTNS1060A



DHI-VTNS1060A Network Power Supply