![Dahua Technology logo]

Two-wire Color Indoor Monitor
7-inch Touchscreen

- 7-inch Capacitive Touch Screen, 800 x 480 Resolution
- Simplified Connection and Setup to Compatible Outdoor Stations
- Integrate with Existing Two-wire Cabling
- Supports Alarm Integration with 3rd Party Intrusion Devices
- 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

System Overview

The DHI-VTH1550CHW-2-S indoor monitor 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-VTH1550CHW-2-S 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. Capacitive
Resolution	800 x 480 (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
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	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	The VTNC3000A is used to provide both network signal and power to the DHI-VTH1550CHW-2-S
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

Ordering Information

Type	Part Number	Description
IP Indoor Monitor	DHI-VTH1550CHW-2-S	Two-wire 7-in. Capacitive Touchscreen IP Color Monitor, White Bezel
Accessories, optional	A24-3A	24 VDC, 3 A Power Adapter for use with DHI-VTNC3000A
	DHI-VTNC3000A	Two-wire Network Controller (Provides network signal and power to two-wire devices)
	DHI-VTO2000A-2-S	Two-wire IP Outdoor Station

Accessories

Optional

A24-3A
24 VDC, 3 A Power Adapter
for use with DHI-VTNC3000A

DHI-VTNC3000A
Two-wire Network Controller

DHI-VTO2000A-2-S
Two-wire IP Residential
Outdoor Station

Dimensions (mm/in.)

200.45 mm (7.89 in.)
136.45 mm (5.37 in.)
22.0 mm (0.87 in.)
13.0 mm (0.51 in.)