

# Two-wire and IP Outdoor Station



- 2 MP Wide-angle CMOS Sensor
- Compatible with Two-wire or RJ45 Interface
- Built-in Microphone with Two-way Talk
- Provides an Audible Alarm if Removed from the Wall
- Records Call Sessions from the Indoor Monitor
- Easily Leave and Retrieve Audio and Video Messages
- View and Talk with Visitors and Remotely Unlock Doors Using the DMSS App
- Anodized Aluminum Panel can be Surface- or Flush-mounted
- IP65 Ingress Protection and IK07 Vandal Resistance

## System Overview

The DHI-VTO2202F-P-S2 enables tenants to view and talk with visitors and remotely unlock doors all from an intuitive mobile app and an interior color monitor. Each IP outdoor station includes a 2 MP wide-angle camera with manual rear pivot, two-way talk and enables remote functions such as snapshot when ringing and video and audio message retrieval. The IP outdoor station is designed for single-tenant residential applications.

## Technical Specification

System	
Main Processor	Embedded Micro Processor
Operating System	Embedded Linux
Input	Mechanical Button
Indicator Lights	Incoming Call, Outgoing Call, Lock
Video	
Video Compression	H.265, H.264
Image Sensor	1/2.5-in. 2 MP CMOS Sensor
Lens	1.9 mm
Angle of View	Horizontal: 168.6° Vertical: 87.1° Diagonal: 176.7°
Day/Night	Auto (ICR)
Dynamic Range	120 dB
Noise Reduction	3D DNR
Resolution	Main Stream: 720p at 30 fps Sub Stream: 1080p at 30 fps
Bit Rate	256 Kbps to 4 Mbps
Audio	
Compression	G.711
Input	Omnidirectional Microphone
Output	Built-in Speaker
Bi-directional Talk	Supports Dual-way Bi-directional Talk
Enhancement	Echo Suppression, Digital Noise Reduction
Bit Rate	16 KHz, 16 Bit

## Interface

Door Control	<ul style="list-style-type: none"> <li>• One (1) Electric Lock</li> <li>• One (1) Exit Button</li> <li>• One (1) Lock Control</li> <li>• One (1) Door Status Detection</li> </ul>
Alarm Output	One (1) Channel

## Network

Ethernet	One (1) RJ45 10/100 Mbps
Network Protocol	SIP; P2P; IPv4; UPnP; SNMP; DNS; DDNS; RTSP; RTP; TCP; UDP
Interoperability	CGI

## Certifications

Safety	UL 62368-1, IEC 62368-1:2014, EN 62368-1:2014 + A11:2017, CAN/CSA C22.2 No. 62368-1-14
Electromagnetic Compatibility (EMC)	CFR 47 FCC Part 15 subpart B, 2018, EN 55032:2015; EN 61000, 3 2:2014; EN 61000 3 3:2013; EN 55024:2010/A1:2015; EN 55035:2017; EN 50130 4:2011/A1:2014

## Electrical

Power	<ul style="list-style-type: none"> <li>• DHI-VTNS2003B-2, Dahua Two-wire Switch (maximum power supply distance 50.0 m [164.04 ft])</li> <li>• PoE (IEEE802.3af, Class 0)</li> </ul>
Power Consumption	≤ 12 W

## Environmental

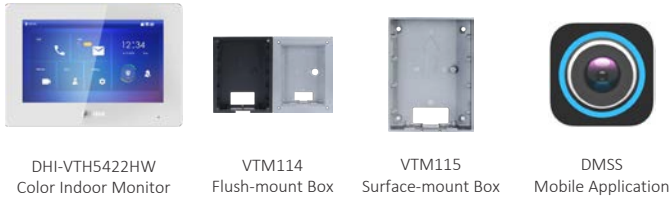
Operating Temperature	-30° C to +60° C (-22° F to +140° F)
Operating Humidity	10% to 90%, Relative
Operating Altitude	0 m to 3000.0 m (0 ft to 9842.52 ft)
Ingress Protection	IP65
Vandal Resistance	IK07

## Construction

Material	Anodized Aluminum
Dimensions	130.0 mm x 96.0 mm x 28.50 mm (5.12 in. x 3.78 in. x 1.12 in.)
Net Weight	0.35 kg (0.77 lb)
Gross Weight	0.40 kg (0.88 lb)
Installation	Surface- or Flush-mount

Ordering Information		
Type	Part Number	Description
Intercom	DHI-VTO2202F-P-S2	Two-wire and IP Outdoor Station
Accessories, optional	DHI-VTNS2003B-2	Two-wire Power Supply Switch (requires either the ADS-65LSI-52-1 48060G VI or the EDP-240-48 power adapter)
	DHI-VTH5422HW	Two-wire and IP Indoor Monitor, White Bezel
	VTM114	Flush-mount Box
	VTM115	Surface-mount Box
	DMSS App	Available from the Apple App Store or the Google Play Store

**Accessories**



**Dimensions (mm/in.)**

