

Two-wire and IP Outdoor Station



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 | | |

• 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

| Interface | | | | |
|---|--|--|--|--|
| Door Control | One (1) Electric Lock One (1) Exit Button One (1) Lock Control One (1) Door Status Detection | | | |
| 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 | DHI-VTNS2003B-2, Dahua Two-wire Switch (maximum power supply distance 50.0 m [164.04 ft]) PoE (IEEE802.3af, Class 0) | | | |
| | | | | |
| Power Consumption | ≤ 12 W | | | |
| Power Consumption Environmental | ≤ 12 W | | | |
| | < 12 W −30° C to +60° C (−22° F to +140° F) | | | |
| Environmental | | | | |
| Environmental Operating Temperature | -30° C to +60° C (-22° F to +140° F) | | | |
| Environmental Operating Temperature Operating Humidity | -30° C to +60° C (-22° F to +140° F) 10% to 90%, Relative | | | |
| Environmental Operating Temperature Operating Humidity Operating Altitude | 30° C to +60° C (-22° F to +140° F) 10% to 90%, Relative 0 m to 3000.0 m (0 ft to 9842.52 ft) | | | |
| Environmental Operating Temperature Operating Humidity Operating Altitude Ingress Protection | -30° C to +60° C (-22° F to +140° F) 10% to 90%, Relative 0 m to 3000.0 m (0 ft to 9842.52 ft) IP65 | | | |
| Environmental Operating Temperature Operating Humidity Operating Altitude Ingress Protection Vandal Resistance | -30° C to +60° C (-22° F to +140° F) 10% to 90%, Relative 0 m to 3000.0 m (0 ft to 9842.52 ft) IP65 | | | |
| Environmental Operating Temperature Operating Humidity Operating Altitude Ingress Protection Vandal Resistance Construction | -30° C to +60° C (-22° F to +140° F) 10% to 90%, Relative 0 m to 3000.0 m (0 ft to 9842.52 ft) IP65 IK07 | | | |
| Environmental Operating Temperature Operating Humidity Operating Altitude Ingress Protection Vandal Resistance Construction Material | -30° C to +60° C (-22° F to +140° F) 10% to 90%, Relative 0 m to 3000.0 m (0 ft to 9842.52 ft) IP65 IK07 Anodized Aluminum 130.0 mm x 96.0 mm x 28.50 mm | | | |
| Environmental Operating Temperature Operating Humidity Operating Altitude Ingress Protection Vandal Resistance Construction Material Dimensions | -30° C to +60° C (-22° F to +140° F) 10% to 90%, Relative 0 m to 3000.0 m (0 ft to 9842.52 ft) IP65 IK07 Anodized Aluminum 130.0 mm x 96.0 mm x 28.50 mm (5.12 in. x 3.78 in. x 1.12 in.) | | | |

Intercom | DHI-VTO2202F-P-S2

| Ordering Information | | |
|--------------------------|-------------------|---|
| Туре | 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







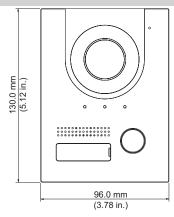


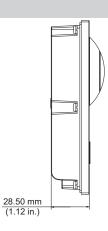
DHI-VTH5422HW VTM114 Color Indoor Monitor Flush-mount Box

VTM115 Surface-mount Box

DMSS Mobile Application

Dimensions (mm/in.)





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