

WiFi Outdoor Station



- 1 MP HD CMOS Camera with a Wide Angle Lens
- Built-in Omnidirectional Microphone with Two-way Talk
- Provides an Audible Alarm if Removed from the Wall
- Connect Outdoor Stations to an NVR for Recording Call Sessions from the Indoor Monitor and for 24-hour Local Recording
- Performs Door Unlock by Card or Remotely Using the Mobile App
- Easily Leave Audio and Video Messages
- View and Talk with Visitors Using the iDMSS/gDMSS App
- Simplified setup with QR Code Device Scan
- IP65 Ingress Protection



System Overview

The DHI-VTO2111D-WP-S enables tenants to view and talk with visitors and remotely unlock doors all from an intuitive mobile app and an interior color indoor monitor. Each WiFi outdoor station includes a 1 MP wide angle camera, two-way talk, a built-in 13.56 MHz MIFARE® card access reader and enables remote functions such as snapshot when ringing, plus video and audio message retrieval.

Technical Specification

System

| | |
|------------------|--------------------------|
| Main Processor | Embedded Micro Processor |
| Operating System | Embedded Linux |

Operation

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|--------|--------------------------|
| Keypad | Single Mechanical Button |
| Reader | MIFARE® Card |

Video

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|-------------------|------------------------------------|
| Video Compression | H.264 |
| Image Sensor | 1/4-in. 1 MP CMOS Sensor |
| Lens | 2.2 mm |
| Angle of View | Horizontal: 105° Vertical: 125° |
| Day/Night | ICR |

Interface

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|---------------------|--|
| Audio | Input: Omnidirectional Microphone Output: Built-in Speaker Two-way Talk |
| Audio Compression | G.711 |
| Door Control | One (1) Relay Out for Main Lock |
| Alarm Input | Two (2) Channels: • One (1) Channel, Unlock Button • One (1) Channel, Feedback |
| Relay Power | Input: 12 VDC, 1 A Output: 12 VDC, 0.1 A |
| RS485 | One (1) Port |
| Tamper Switch | One (1) |
| Memory | Micro SD, 32 GB maximum |
| Management Software | DSS Express/Pro |

Network

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|------------------|--|
| WiFi | IEEE 802.11b/g |
| Ethernet | 10/100 Mbps, Self-adaptive |
| Network Protocol | TCP/IP |
| Cybersecurity | Video Encryption, Firmware Encryption, Configuration Encryption, Digest, WSSE, Account Lockout, Security Logs, IP/MAC Filtering, Generating and Importing X.509 Certification, Syslog, HTTPS, 802.1x, Trusted Boot, Trusted Execution, Trusted Upgrade |

Certifications

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|-------------------------------------|--|
| Safety | UL 60950-1 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011+ A2: 2013 IEC 60950-1:2005 CAN/CSA C22.2 No. 60950-1-07 |
| 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 or PoE (IEEE 802.3af) Requires a separate 12 VDC power supply, or power via a PoE switch. |
| Power Consumption | Standby: ≤ 1 W Operation: ≤ 10 W |

Environmental

| | |
|-----------------------|--------------------------------------|
| Operating Temperature | -30° C to +60° C (-22° F to +140° F) |
| Operating Humidity | 10% to 90%, Relative |
| Ingress Protection | IP65 |


Construction

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|--------------|--|
| Material | Plastic |
| Dimensions | 135.0 mm x 70.40 mm x 34.40 mm (5.31 in. x 2.77 in. x 1.35 in.) |
| Net Weight | 0.40 kg (0.88 lb) |
| Installation | Surface-mount |

Ordering Information

| Type | Part Number | Description |
|-----------------------|-----------------------|---|
| Intercom | DHI-VTO2111D-WP-S | 1 MP, WiFi Outdoor Station |
| Accessories, optional | IC-S50 | MIFARE® S50, 13.56 MHz IC Card |
| | IC-SM | MIFARE® S50, 13.56 MHz IC Key Fob |
| | DHI-VTH5221D-S | Color Indoor Monitor, Black Bezel |
| | DHI-VTH5221DW-S | Color Indoor Monitor, White Bezel |
| | ADS-12AM-12 12012EPCU | 12 VDC, 1 A power adapter for DHI-VTO2111D-WP-S |
| | iDMSS/gDMSS App | Available from the Apple App Store or the Google Play Store |


Accessories



IC-S50
MIFARE® Cards




IC-SM
MIFARE® Key Fob




DHI-VTH5221D-S
Color Indoor Monitor,
Black



DHI-VTH5221DW-S
Color Indoor Monitor,
White



ADS-12AM-12 12012EPCU
12 V, 1 A Power Adapter



iDMSS/gDMSS
Mobile Application

Dimensions (mm/in.)

