

# 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.

### SIP Compatibility

Dahua Intercom devices are compatible with the Session Initiation Protocol version 2.0 (SIP), a signaling protocol for Internet conferencing, telephony, presence, event notification, and instant messaging. SIP is widely used to initiate and terminate Voice Over Internet Protocol (VOIP) calls, as well as connect physical devices to mobile applications. Dahua Intercom devices are ideal for single-family homes as well as large residential complexes or commercial properties.

## Technical Specification

### System

Main Processor	Embedded Micro Processor
Operating System	Embedded Linux

### Operation

Keypad	Single Mechanical Button
Reader	MIFARE® Card

### Video

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

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

## Network

WiFi	IEEE 802.11b/g
Ethernet	10/100 Mbps, Self-adaptive
Network Protocol	TCP/IP

## Certifications

<b>Safety</b>	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
<b>Electromagnetic Compatibility (EMC)</b>	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

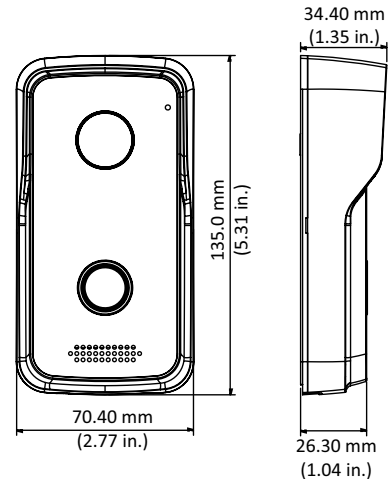
Environmental

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

Construction

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

Dimensions (mm/in.)



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

