DAHUA TECHNOLOGY

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

| WiFi | RFID | IP65 | POE | | |

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.

Interface

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

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

Network

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

Certifications

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

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
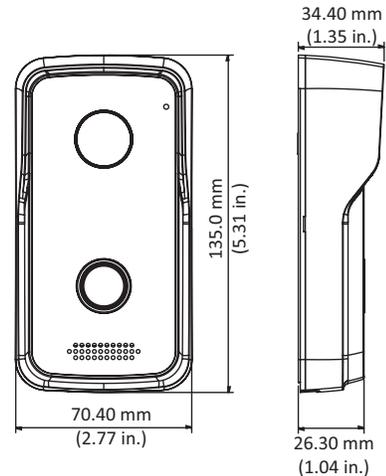
Ordering Information

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

Dimensions (mm/in.)

34.40 mm (1.35 in.)

135.0 mm (5.31 in.)

70.40 mm (2.77 in.)

26.30 mm (1.04 in.)

Accessories
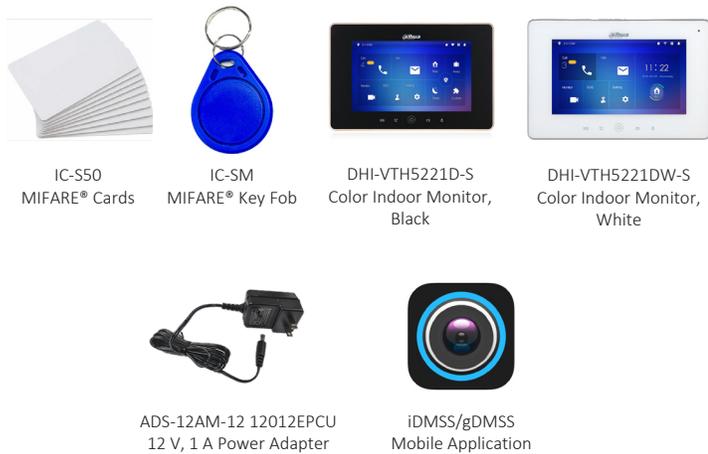
IC-S50
MIFARE® Cards

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