

# 2MP WiFi Video Doorbell



- 1/2.7-in. 2 MP Progressive-scan CMOS Sensor
- 2.4 GHz, IEEE802.11b/g/n, 100 m (328 ft) Open Field WiFi
- H.264 Video Compression
- 2 MP at 20 fps Maximum Resolution; 1.9 mm Fixed Lens
- Built-in Microphone and Speaker for Real-time Communication
- PIR Detection
- Maximum IR LED Length 5 m (16.50 ft)
- Five-year Warranty\*

## System Overview

The DB11 WiFi Video Doorbell is a component of the Dahua Residential Security system. The doorbell offers Passive IR motion detection and transmits video and audio to a mobile phone for remote visual confirmation and communication with visitors. All Dahua Residential Security devices are compatible with Dahua NVRs and with the DMSS mobile application. The DB11 is certified to the IP65 Ingress Protection standard, making it the ideal camera for indoor and outdoor surveillance at homes and small retail or dining establishments.

## Technical Specifications

### Camera

Image Sensor	1/2.7-in. 2 MP CMOS
Effective Pixels	1920 x 1080, 2 MP
Scanning System	Progressive
IR Distance	5.0 m (16.50 ft)

### Lens

Lens Type	Fixed	
Focal Length	1.9 mm	
Angle of View	Horizontal	140°
	Vertical	
	Diagonal	158°

### Video and Audio

Video Compression	H.264	
Resolution	2 MP at 20 fps	
Digital Zoom		
PIR	Configurable area and distance: Coverage: up to 120° Distance: up to 5.0 m (16.50 ft)	
Audio	Input	Built-in Microphone
	Output	Built-in Speaker
Audio Compression	G.711	

### Network

WiFi	2.4 GHz WiFi (IEEE802.11b/g/n)
Antenna	Internal Dual Antennae, 2 x 2 MIMO
Interoperability	CGI
Mobile Operating System	IOS, Android
Edge Storage	Micro SD Card Slot, maximum 64 GB

### Certifications

Safety	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 IEC 60950-1:2005 (2nd Ed.); Am1:2009 + Am2:2013
Electromagnetic Compatibility (EMC)	CFR 47 FCC Part 15 subpart B, 201 8 EN 55032:2015; EN 55024:2010; EN 50130-4:2011/A1:2014; EN 61000-3-2:2014; EN 61000-3-3:2013

### Electrical

Power Supply	16 VAC to 24 VAC, 12 VDC/24 VAC Power Supply Micro USB Power Port
Power Consumption	< 9 W

### Environmental

Operating Temperature	-20° C to +50° C (-4° F to 122° F), Less than 95% RH
Storage Temperature	
Ingress Protection	IP55

### Construction

Casing	
Dimensions	118.94 mm x 47.0 mm x 29.30 mm (4.68 in. x 1.85 in. x 1.15 in.)
Net Weight	0.20 kg 0.44 lb)
Gross Weight	
Installation	Surface-mount

**Ordering Information**

Type	Part Number	Description
WiFi Video Doorbell	DB11	2 MP WiFi camera, 1.9 mm, Two-way Talk
Package Contents	1x Quick Start Guide 1x Surface-mount Bracket 1x Cable Package 1x Chime Kit 1x Screw Package 1x Horizontal Level 1x Screwdriver	

**Dimensions**

