

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 30 fps Maximum Resolution
- 1.9 mm Fixed Lens
- Built-in Microphone and Speaker for Real-time Communication
- PIR Detection
- Maximum IR LED Length 5.0 m (16.50 ft)
- Five-year Warranty*

System Overview

The DHI-DB11 WiFi Video Doorbell is a component of the Dahua LincX2PRO camera series. The doorbell offers Passive IR motion detection and transmits video and audio to a mobile phone for remote visual confirmation and communication with visitors. This device is compatible with Dahua NVRs; Dahua X5, X7, and X82 Series HDCVI DVRs, and with the DMSS mobile application. The DHI-DB11 offers high-resolution video ideal for 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°	
Video and Audio		
Video Compression	H.264	
Resolution	2 MP at 30 fps	
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
Compatibility ¹	<ul style="list-style-type: none"> • Any Dahua NVR • Dahua X5, X7, X82 Series HDCVI DVRs • Dahua DMSS Mobile Application
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

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 ²	16 VAC to 24 VAC, 0.04 A or 16 VDC to 24 VDC, 0.04 A
Power Consumption	< 9 W

Environmental

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

Construction

Casing	Plastic
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	0.14 kg (0.31 lb)
Gross Weight	0.47 kg (1.03 lb)
Installation	Surface-mount

1. LincX2Pro devices can work with third-party software only if the LincX2Pro device is added to a compatible Dahua recorder. LincX2Pro devices cannot be added directly to third-party software.
2. Do not supply power to the DHI-DB11 via the USB port. Use only the Power Input Ports, as detailed in the Quick Installation Guide, to supply power to the device.

*Warranty applies to products sold through an authorized Dahua Dealer.

Ordering Information

Type	Part Number	Description
WiFi Video Doorbell	DHI-DB11	2 MP WiFi camera, 1.9 mm, Two-way Talk
Package Contents	Comes with hardware and electrical wires to install the camera and to integrate with an existing doorbell chime.	

Dimensions

