

EmPower Consumer Series

◆ IP-2DB-F19-CA ◆



2MP WiFi Video Doorbell

Features

- ◆ 1/2.7-in. 2 MP Progressive-scan CMOS Sensor
- ◆ 2.4 GHz, IEEE802.11b/g/n, 100m (328 f) 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 f)
- ◆ Compatible with Alexa

System Overview

The IP-2DB-F19-CA WiFi Video Doorbell is a component of the EmPower WiFi 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 EmPower NVRs and with the Unisight mobile application. The IP-2DB-F19-CA offers high-resolution video ideal for indoor and outdoor surveillance at homes and small retail or dining establishments.

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
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 or 12 VDC/24 VDC
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	0.20 kg (0.44 lb)
Installation	Surface-mount

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Dimensions(mm/Inch)

