

EmPower Consumer Series

◆ IP-2FL-F28-CA ◆

2MP WiFi Active Alarm Floodlight
H.265 IP65 Camera

Features

- ◆ 1/2.7-in. 2 MP Progressive-scan CMOS Sensor
- ◆ 2.4GHz, IEEE802.11b/g/n, 100m (328f) Open Field WiFi
- ◆ Smart H.265+ and Smart H.264+ Dual Codecs
- ◆ 2MP at 30fps Maximum Resolution; 2.8mm Fixed Lens
- ◆ Built-in Microphone and Speaker
- ◆ Active Deterrence with Integrated 110dB Siren and Floodlight
- ◆ Maximum IR LED Length 10m (33f)
- ◆ IP65 Ingress Protection
- ◆ Compatible with Alexa

System Overview

The IP-2FL-F28-CA Active Alarm Floodlight camera is a component of the EmPower WiFi camera series. The camera offers Passive IR motion detection and is capable of sounding a siren and turning on a floodlight when an intruder is detected. The device is compatible with EmPower NVRs and with the Unisight VMS mobile application. The IP-2FL-F28-CA 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.

Specifications

Camera		
Image Sensor		1/2.7-in. 2 MP CMOS
Effective Pixels		1920 x 1080, 2 MP
Scanning System		Progressive
IR Distance		10.0 m (32.81 ft)
Lens		
Lens Type		Fixed
Focal Length		2.8 mm
Angle of View	Horizontal	114°
	Vertical	66°
	Diagonal	137°
Video and Audio		
Compression		Smart H.265+, H.265, Smart H.264+, H.264
Resolution		2 MP at 30 fps
Digital Zoom		16x
Day/Night		Auto (ICR)
PIR		Configurable area and distance: Coverage: up to 270° Distance: up to 10.0 m (32.81 ft)
Audio	Input	Built-in Microphone
	Output	Built-in Speaker with integrated 110 dB Siren

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 256 GB
Floodlight	
Brightness	2000 lm
Color Temperature	3000K
Modes	Manual, Passive Infrared Motion Detection (PIR), Dusk to Dawn
Certifications	
Safety	UL 60950-1 CAN/CSA C22.2 No. 60950-1-07 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 2018 EN 55032:2015, EN 6100- 3-2:2014, EN 61000-3-3:2013, EN 50130-4:2011/A1:2014, EN 55024:2010/A1:2015, EN 55035:2017
Electrical	
Power Supply	100 VAC to 240 VAC
Power Consumption	< 40 W
Environmental	
Operating Temperature	-30° C to +50° C (-22° F to 122° F), Less than 95% RH
Ingress Protection	IP65
Construction	
Casing	Metal and Plastic
Dimensions	237.20 mm x 317.30 mm x 171.79 mm (9.30 in. x 12.50 in. x 6.80 in.)
Net Weight	1.80 kg (3.97 lb)

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Dimensions(mm/Inch)

