

dahua
TECHNOLOGY
DH-F2C-LED
2mp Wifi Full
Color Camera



dahua DH-F2C-LED 2mp Wifi Full Color Camera User Guide

[Home](#) » [Dahua](#) » dahua DH-F2C-LED 2mp Wifi Full Color Camera User Guide 

Contents

- [1 dahua DH-F2C-LED 2mp Wifi Full Color Camera](#)
- [2 Product Information](#)
- [3 Series Overview](#)
- [4 Features](#)
- [5 Upgrade Your Experience](#)
- [6 Specifications](#)
- [7 What's in the box](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



dahua DH-F2C-LED 2mp Wifi Full Color Camera



Product Information

Model: DH-F2C-LED

Overview: 2MP Fixed-focal Wi-Fi Bullet Network Camera

- 2MP resolution for clear images with sharp details
- Built-in Mic for traceable audio details
- DMSS App for easy usage
- AI Human Detection to focus on important events and reduce false alarms
- IP67 Protection for harsh environments
- Micro SD Card slot for cost-effective storage
- Full-color capability for capturing vivid details
- Advanced H.265 compression technology for efficient video storage

Specifications

Camera:

- Image Sensor: 1/3 CMOS
- Max. Resolution: 2MP
- Electronic Shutter Speed
- Illumination Distance
- Illuminator On/Off Control
- Illuminator Number
- Max. Aperture

- Field of View

Intelligence:

- Human Detection with classification and accurate detection capabilities
- WDR Motion Detection
- Smart Illumination
- Image Rotation
- Built-in MIC
- Audio Compression

Video & Audio:

- Video Compression: H.265
- Video Frame Rate
- Resolution
- Video Bit Rate Day/Night

Network:

- Network Port
- Wi-Fi
- Storage Management Software
- Mobile Client

General:

- Power Supply
- Power Consumption
- Operating Temperature
- Operating Humidity
- Protection Casing Material

Series Overview



The Bullet Series, which is under the Dahua Wireless series, are cameras that are not only easy to install and operate, but also perform outstandingly and are cost-effective. They capture sharp, detailed images of scenes in high definition and offer powerful functions, such as AI human detection, to accurately trigger alarms. Information is also synchronously sent to your phone to keep you up-to-date. With its IP67 rating, these cameras are able to withstand harsh environments, making them highly suitable for use in small and medium-sized settings such as small-sized retail stores.

Overview



Features



2MP

- Clear images with sharp details



- **Built-in Mic**

- Provides traceable audio details



- **DMSS App**

- Easy to use



- **AI Human Detection**

- Focuses on what matters and reduces false alarms



- **IP67 Protection**

- Withstands harsh environments



- **Micro SD Card**

- Low-cost storage



- **Full-color**

- Captures full-color details

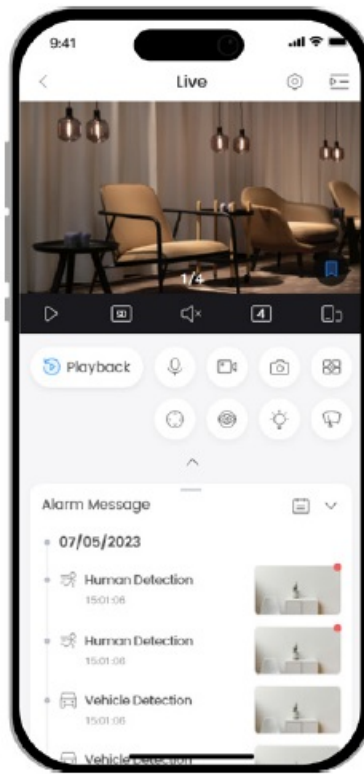


- **H.265**

- Advanced H.265 compression technology

Upgrade Your Experience

Upgrade Your Experience with DMSS



Dahua Mobile Security Surveillance (DMSS) is a professional remote surveillance management platform that offers remote monitoring, device migration, and sharing. When connected to the internet, the platform provides real-time alerts to improve surveillance efficiency and grant flexibility in security management.



Specifications

Camera

- **Image Sensor:** 1/3" CMOS
- **Max. Resolution:** 1920 (H) x 1080 (V)
- **Electronic Shutter Speed:** Auto/Manual 1/3 s–1/100,000 s
- **Illumination Distance:** Up to 30 m (98.53 ft)
- **Illuminator On/Off Control:** Auto
- **Illuminator Number:** 2 (Warm light)
- **Max. Aperture:** F1.6
- **Field of View:** 2.8 mm: H: 98°; V: 55°; D: 115°
 - 3.6 mm: H: 78°; V: 41°; D: 94°

Intelligence

- **Human Detection:** Support the classification and accurate detection of human

Video & Audio

- **Video Compression:** H.264B; H.264; H.264H; H.265
- **Video Frame Rate:** Main stream: 1920 × 1080@(1–25/30 fps)
 - Sub stream: 640 × 480@(1–25/30 fps)
 - The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
- **Resolution:** 1080p (1920 × 1080); 1280 × 960 (1280 × 960); 1280 × 720 (1280 × 720)
- **Video Bit Rate:** H.264: 32kbps ~ 4096kbps
 - H.265: 12kbps ~ 4096kbps
- **Day/Night:** Color/B/W
- **WDR:** DWDR
- **Motion Detection:** OFF/ON (4 areas, rectangular)
- **Smart Illumination:** Yes
- **Image Rotation:** 0°/180°
- **Built-in MIC:** Yes, built-in Mic
- **Audio Compression:** G.711a; G.711Mu; PCM; G.726

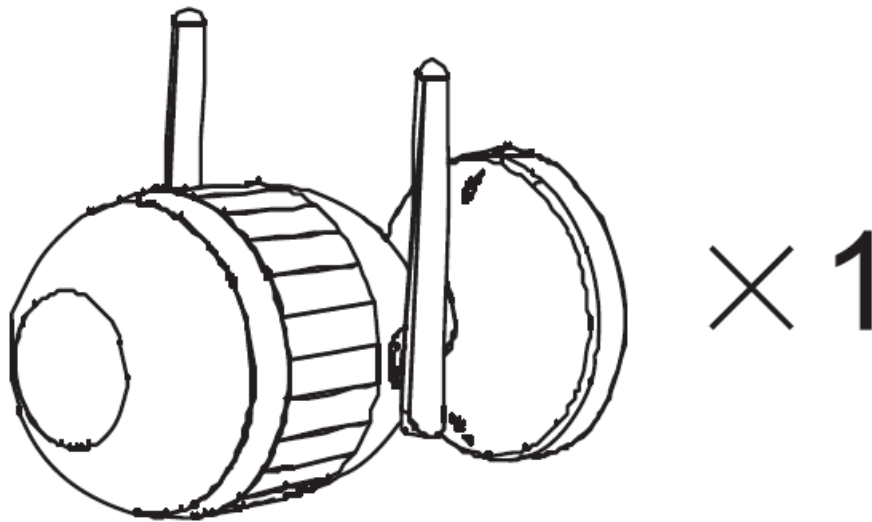
Network

- **Network Port:** RJ-45 (10/100 Base-T)
- **Wi-Fi:** IEEE802.11b/g/n 2.4–2.4835 GHz; 2.4 G
- **Storage:** Micro SD card (support max. 256 GB)
- **Management Software:** Smart PSS; DSS; DMSS
- **Mobile Client:** iOS; Android

General

- **Power Supply:** 12 VDC
- **Power Consumption:** Basic: 2 W (12 VDC)
 - Max. (H.265+warm light intensity): 5.3 W (12 VDC)
- **Operating Temperature:** –40 °C to +60 °C (–40 °F to +140 °F)
- **Operating Humidity:** ≤95%
- **Protection:** IP67
- **Casing Material:** Metal + plastic
- **Product Dimensions:** 131.0 mm × 78.4 mm × 97.2 mm (5.47" × 4.80" × 3.83") (L × W × H)
- **Net Weight:** 254.5 g (0.56 lb)

What's in the box



Tools:

- Installation Position
- Map×1
- Mounting Plate×1
- Screw Package×1
- Waterproof
- Connector x 1

Documents:

- QR Code×1
- Quick Start Guide×1
- Legal and regulation information×1


Power:

- Power Adapter×1

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Documents / Resources

	<p>dahua DH-F2C-LED 2mp Wifi Full Color Camera [pdf] User Guide DH-F2C-LED, DH-F2C-LED 2mp Wifi Full Color Camera, 2mp Wifi Full Color Camera, Wifi Full Color Camera, Full Color Camera, Camera</p>
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References

-  [Dahua Technology - World Leading Video-Centric AIoT Solution & Service Provider](#)
- [User Manual](#)

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