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## FOSCAM BP4

# Foscam BP4 2K Solar Security Camera User Manual

Model: BP4

## 1. Introduction

The Foscam BP4 is a 2K (4MP) wireless outdoor security camera designed for comprehensive home surveillance. It features a 10,000mAh rechargeable battery and a 5W solar panel for continuous power, eliminating the need for frequent manual charging. Key functionalities include advanced PIR human detection, two-way audio communication, color night vision, and IP66 weather resistance. This manual provides detailed instructions for setting up, operating, and maintaining your Foscam BP4 camera to ensure optimal performance and security.

## 2. Package Contents

Verify that all items listed below are included in your package:

- Foscam BP4 Camera Body
- 5W Solar Panel
- Mounting Screws and Anchors
- Instruction Manual (Quick Setup Guide)
- USB Charging Cable
- Mounting Brackets for Camera and Solar Panel

Image: The Foscam BP4 camera body shown alongside its accompanying 5W solar panel, illustrating the complete package contents.

## 3. Setup

### 3.1 Initial Charging

Before initial use, fully charge the camera's built-in 10,000mAh battery using the provided USB cable and a DC 5V/2A power adapter (not included). Alternatively, connect the camera to the solar panel and place the panel in direct sunlight for several hours. Ensure the charging port is securely sealed after connecting the solar panel cable to maintain weather resistance.

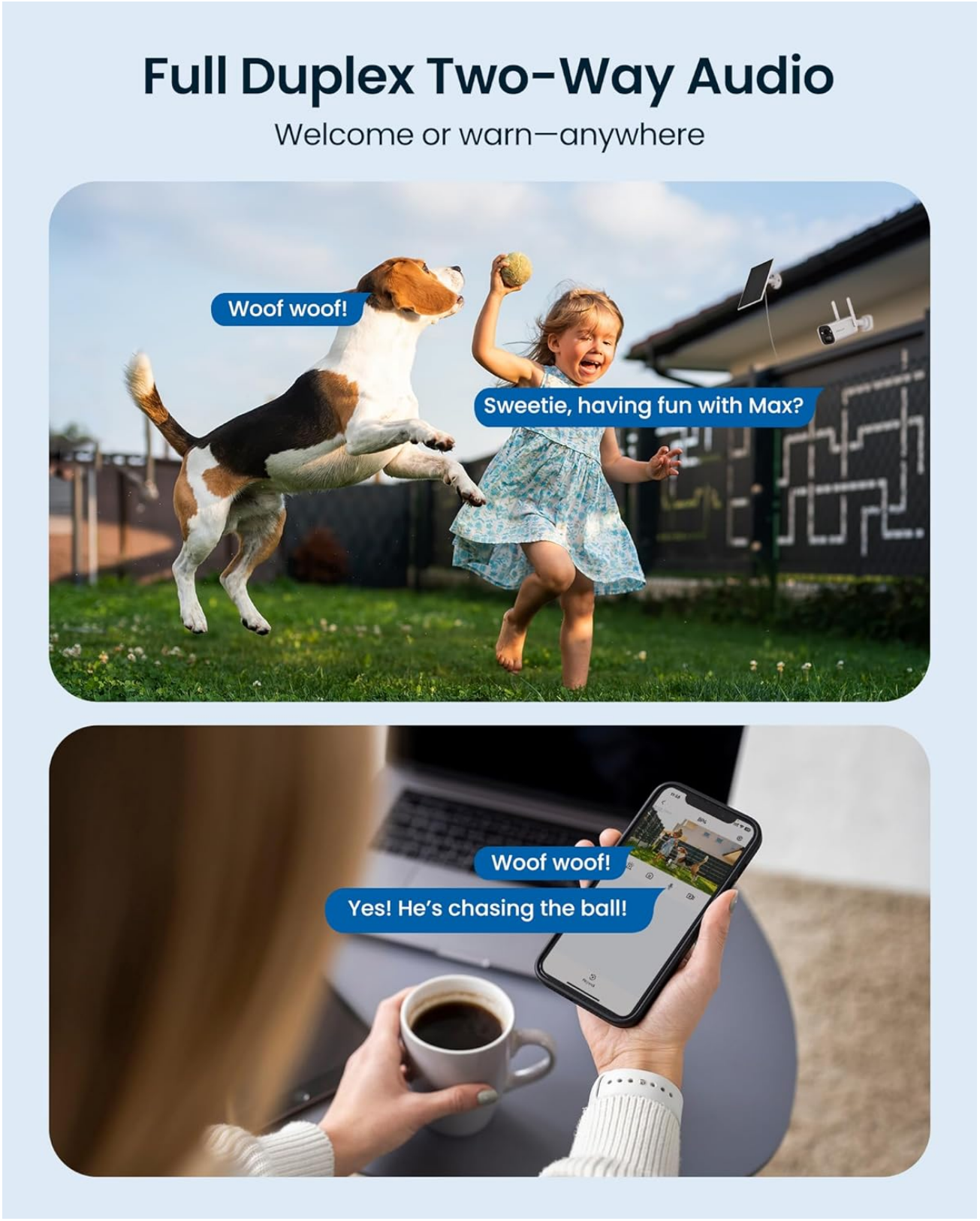



Image: The Foscam BP4 camera connected to its solar panel, demonstrating how the solar panel provides continuous power to the camera's battery.

## 3.2 App Installation and Camera Connection

1. Download the Foscam app from your smartphone's app store (iOS or Android).
2. Create an account or log in if you already have one.
3. Follow the in-app instructions to add your BP4 camera. This typically involves scanning a QR code on the camera or manually entering its details.
4. Connect the camera to your 2.4GHz Wi-Fi network as prompted by the app.

## 3.3 Mounting the Camera and Solar Panel

Use the provided mounting template to mark drill holes for the camera and solar panel. Securely attach the mounting brackets to your desired outdoor location using the screws and anchors. Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day for optimal charging. The camera and solar panel are designed for outdoor use with an IP66 waterproof rating.

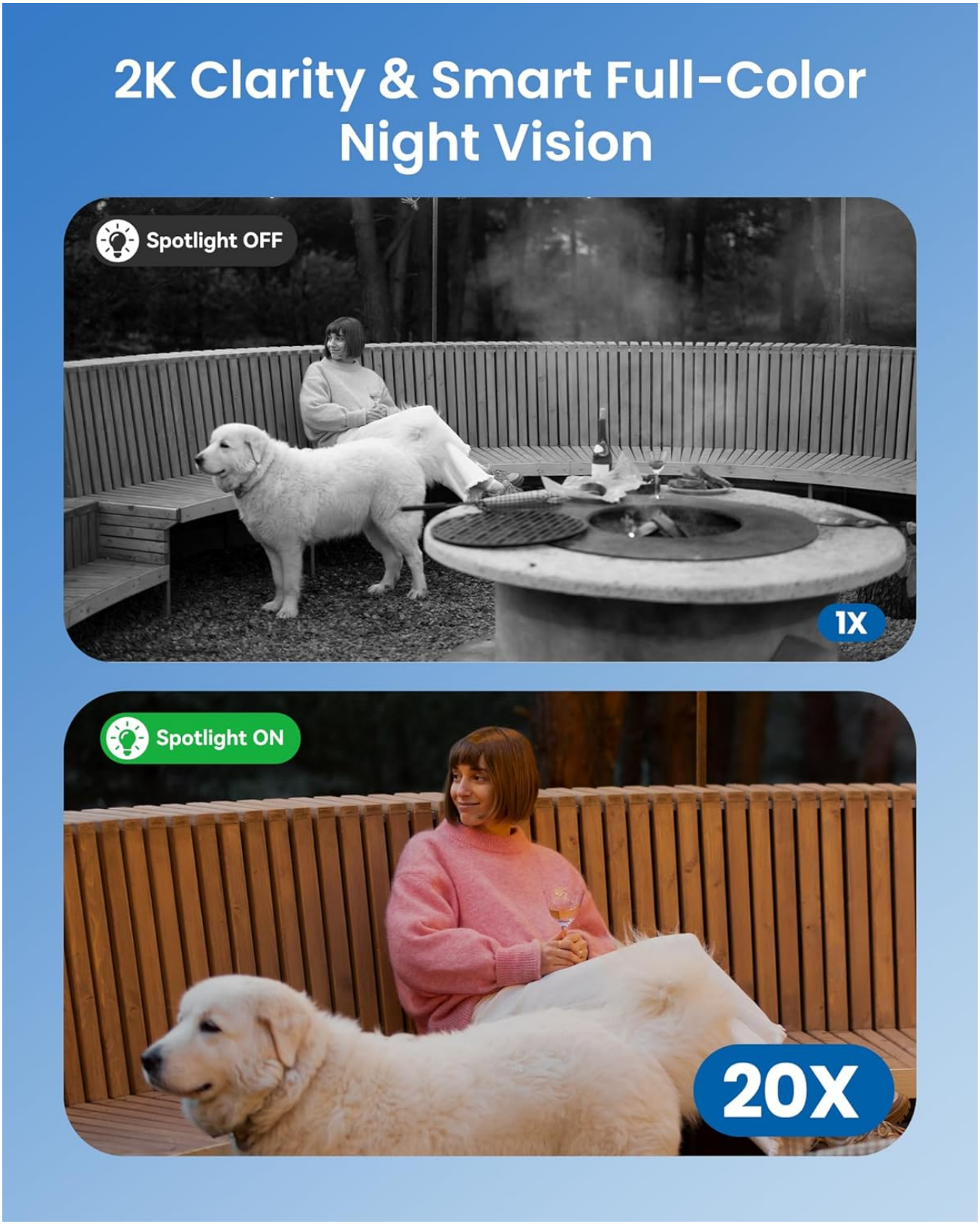



Image: The Foscam BP4 camera and its solar panel are shown mounted on an exterior wall, illustrating a typical installation for continuous power and surveillance.

Your browser does not support the video tag.

Video: An official Foscam video demonstrating the features and outdoor capabilities of the Foscam BP4 2K Solar Security Camera, including its solar power and wireless operation.

## 4. Operating Instructions

### 4.1 Live View and Video Quality

Access the live video feed through the Foscam app. The BP4 camera provides crystal clear 2K (2560x1440) resolution at 20 frames per second, ensuring sharp and detailed images. Utilize the 20X digital zoom feature to get a closer look at specific areas within the 110-degree wide-angle view.

Image: A visual representation of the Foscam BP4's 2K QHD video quality, highlighting its 20X digital zoom capability for detailed surveillance.

Image: The Foscam BP4 camera capturing a broad 110-degree wide-angle view, ideal for monitoring large outdoor areas like driveways or yards.

### 4.2 Two-Way Audio

The camera features a built-in microphone and speaker for two-way audio communication. Use this function via the Foscam app to speak with visitors, delivery personnel, or deter unwanted individuals on your property.

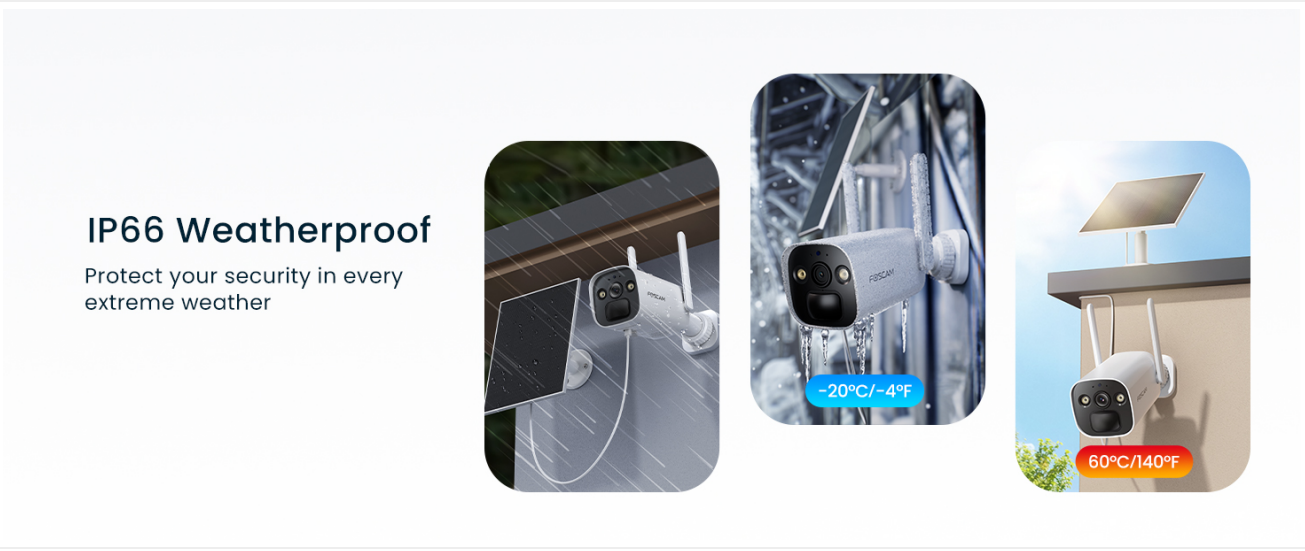



Image: A family enjoying their pool while using the Foscam BP4's full duplex two-way audio to communicate, demonstrating real-time voice interaction.

## 4.3 Motion Detection and Alerts

The BP4 utilizes advanced PIR (Passive Infrared) human detection to minimize false alarms. It can distinguish between humans, animals, vehicles, and packages. When motion is detected, you will receive instant notifications on your smartphone. The camera can also trigger a sound and light alarm (6500K spotlight and 110dB siren) to deter intruders.

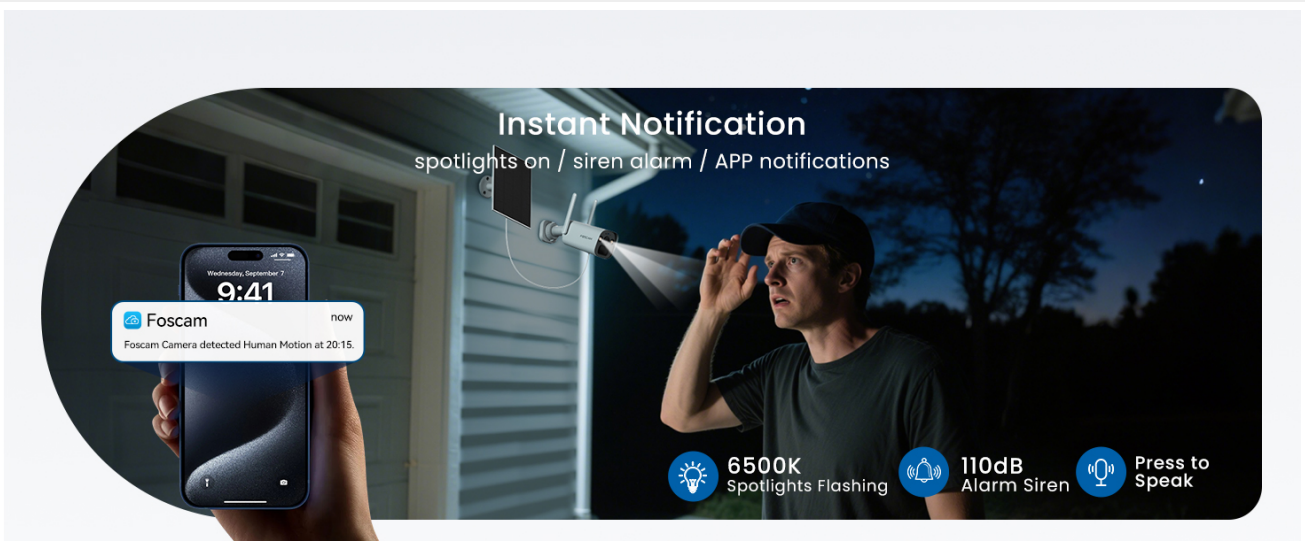



Image: The Foscam BP4 camera's Smart AI PIR Detection feature in action, accurately identifying and categorizing objects such as pets, packages, humans, and vehicles within its view.

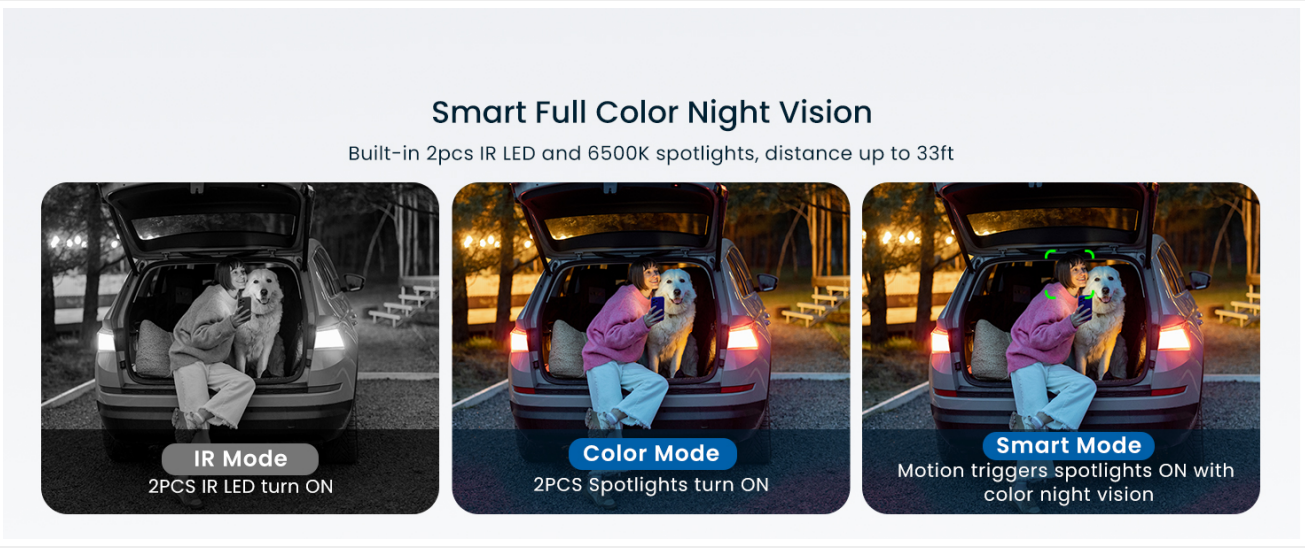


Image: The Foscam BP4 camera activating its instant notification system, including flashing spotlights and a siren, while sending an alert to a smartphone.

## 4.4 Night Vision

The camera offers full-color night vision up to 33 feet (10m) using its 2 IR LEDs and 6500K spotlight. It can automatically or manually switch between full-color and IR (infrared) modes, providing clear visibility in low-light conditions.

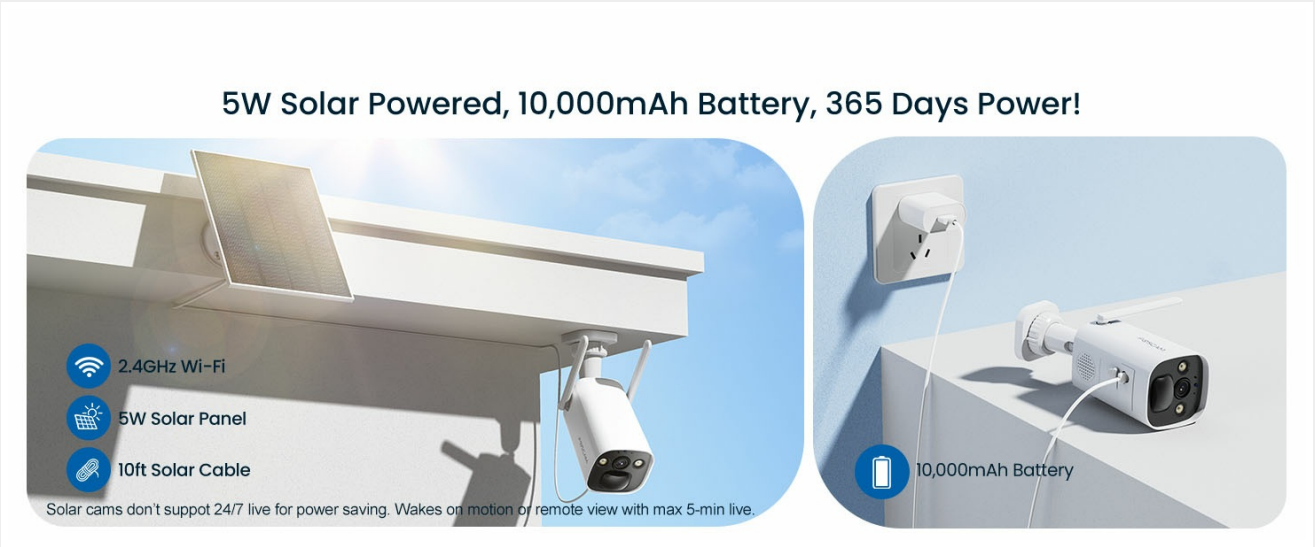



Image: Comparison of Foscam BP4's night vision capabilities, showing IR Mode (black and white), Color Mode (full color with spotlights), and Smart Mode (motion-triggered color night vision).

## 4.5 Recording and Storage

Recordings can be stored locally on a Micro SD card (up to 256GB, not included) or via Foscam's secure cloud storage service (7 days free, subscription required for extended periods). The app allows for easy playback and management of recorded events.

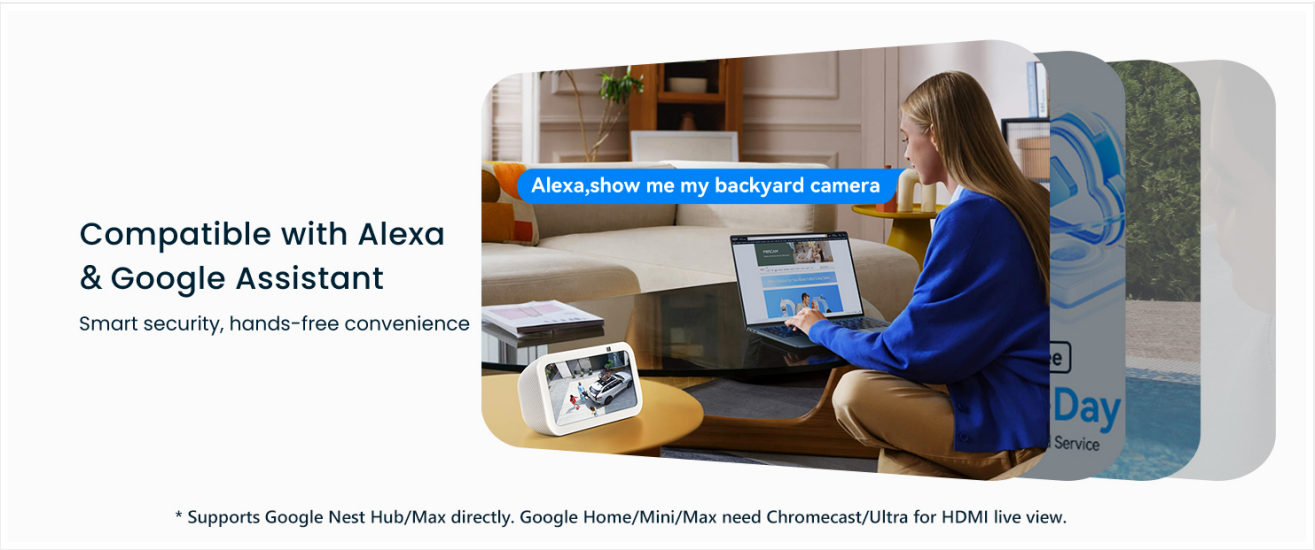



Image: An illustration detailing the Foscam BP4's flexible storage solutions, including support for a Micro SD card up to 256GB and a 7-day free cloud service.

## 4.6 Smart Home Integration

The Foscam BP4 camera is compatible with Amazon Alexa and Google Assistant, allowing for voice-controlled security and live monitoring. This integration enhances convenience by allowing you to manage your camera using simple voice commands.

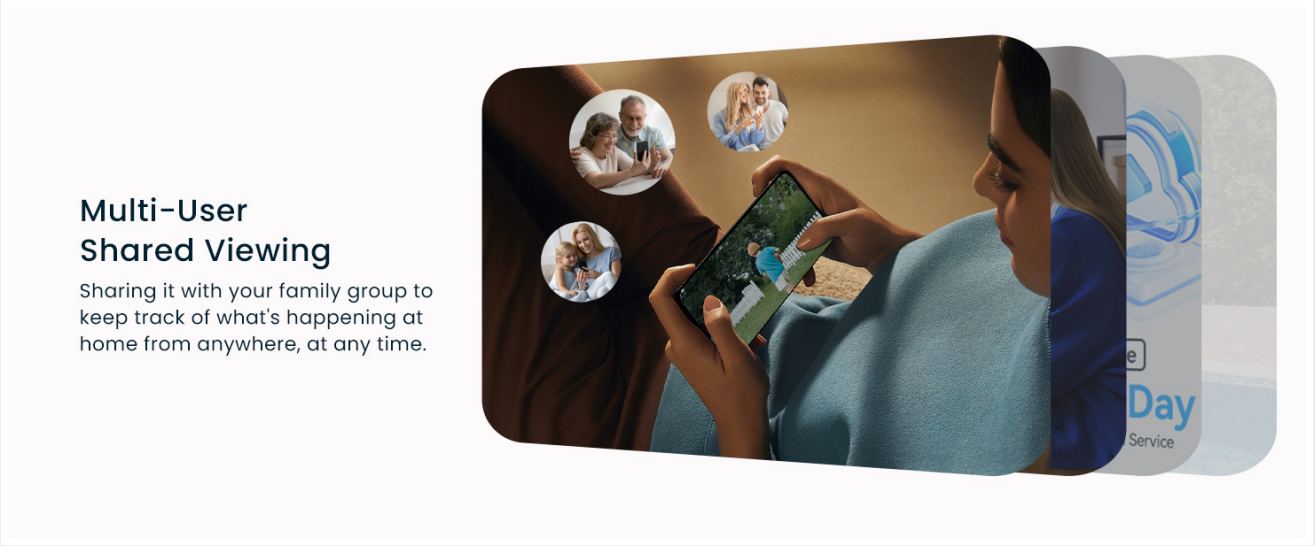



Image: A user interacting with smart home devices, demonstrating the Foscam BP4's compatibility with Amazon Alexa and Google Assistant for voice-controlled security.

## 4.7 Additional App Features

- **One-Click Settings:** Easily enable or disable common settings for all cameras, such as siren linkage or sleep mode, with a single tap.
- **AI Search:** (Requires cloud service) Search for specific events using keywords, simplifying the review of historical recordings.
- **Custom Monitoring Zones:** Define specific areas for detection to reduce false alerts and focus on critical zones.
- **Multi-User Sharing:** Share camera access with family members, allowing multiple users to view and monitor the property simultaneously.

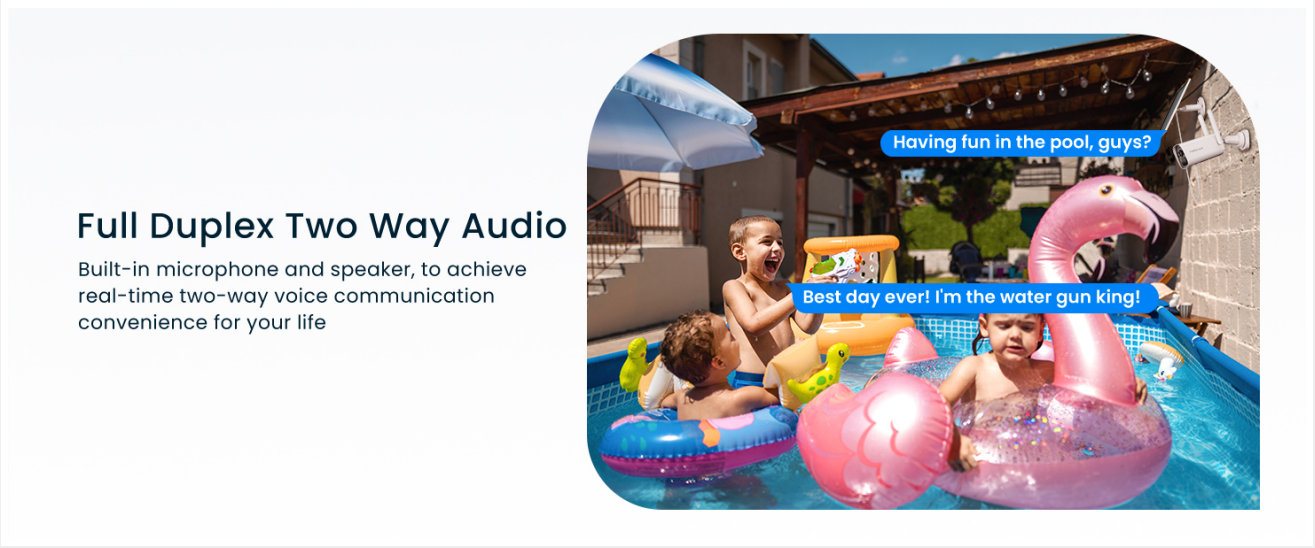



Image: A smartphone screen displaying the Foscam app's interface for one-click enabling or disabling of common settings across multiple cameras, such as 'Leave Home Mode' and 'Back Home Mode'.

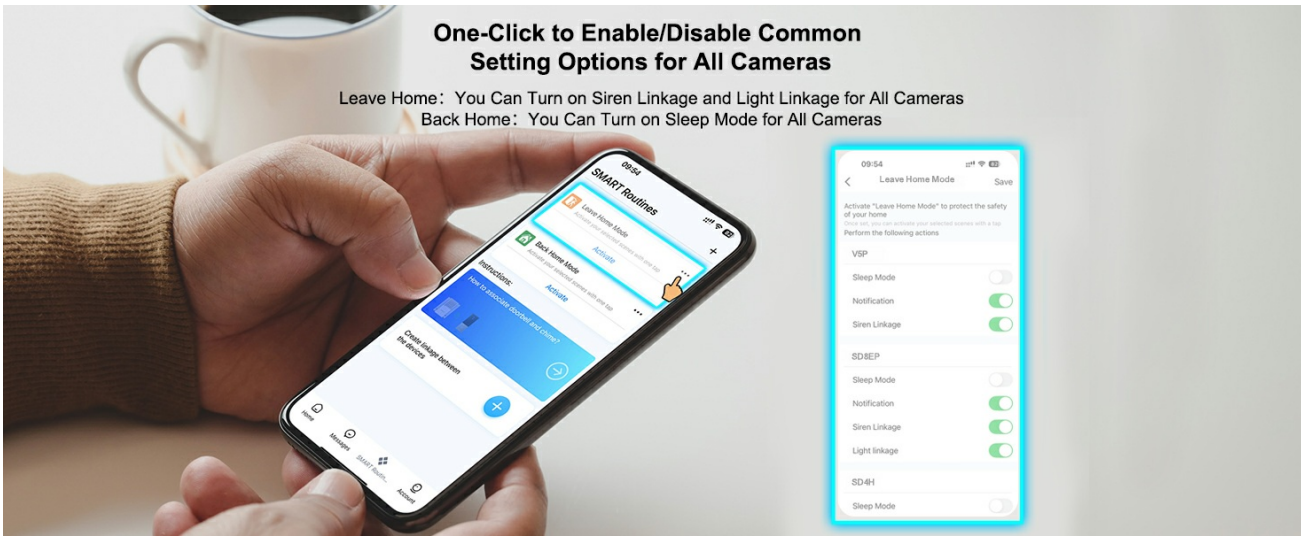



Image: A series of smartphone screens illustrating the Foscam app's AI search functionality, allowing users to quickly find relevant alarm videos using keywords.

## 5. Maintenance

- **Cleaning:** Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure clear image quality and efficient solar charging. Avoid abrasive cleaners.
- **Battery Check:** Monitor the battery level via the Foscam app. While the solar panel provides continuous charging, extreme weather or prolonged periods of low sunlight may affect battery performance.
- **Firmware Updates:** Keep the camera's firmware updated through the Foscam app to ensure optimal performance, security, and access to new features.
- **Weather Protection:** Despite its IP66 rating, periodically inspect the camera and solar panel for any signs of wear or damage, especially after severe weather conditions.

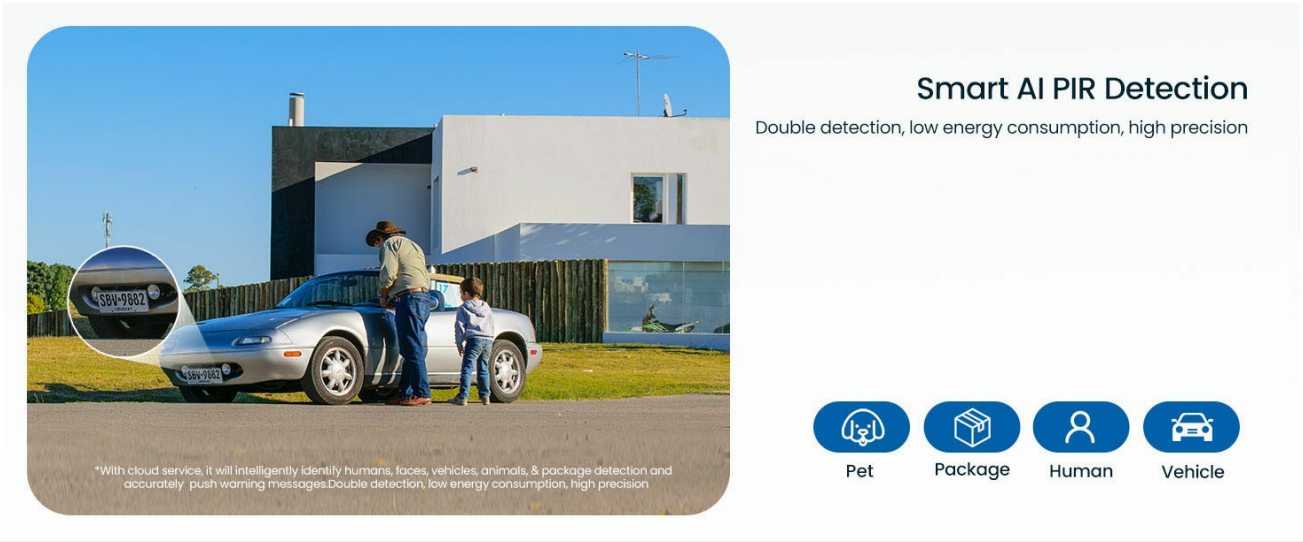



Image: The Foscam BP4 camera shown enduring various extreme weather conditions, including rain, snow at -20°C (-4°F), and heat at 60°C (140°F), highlighting its IP66 weatherproof durability.

## 6. Troubleshooting

- **Camera Not Powering On:** Ensure the battery is charged. If using the solar panel, verify it's receiving direct sunlight. Connect via USB for direct charging to confirm battery function.
- **No Wi-Fi Connection:** Confirm your Wi-Fi network is 2.4GHz. Ensure the camera is within range of your router. Restart both the camera and router.
- **Poor Image Quality:** Clean the camera lens. Check for obstructions in the camera's field of view. Ensure adequate lighting for

night vision modes.

- **False Motion Alerts:** Adjust motion detection sensitivity settings in the app. Utilize custom monitoring zones to exclude areas with frequent non-threatening movement (e.g., trees swaying).
- **Two-Way Audio Issues:** Check your smartphone's microphone and speaker settings. Ensure the camera's microphone and speaker are not obstructed.
- **App Not Responding:** Close and reopen the Foscam app. Ensure your app is updated to the latest version.

For more detailed troubleshooting or technical support, please visit the official Foscam support website.

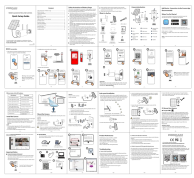
## 7. Specifications

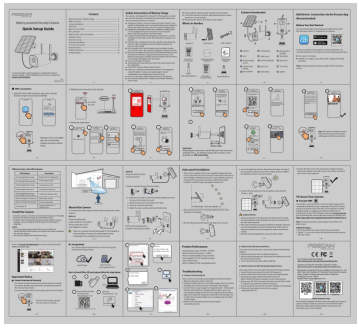
| Feature | Specification |
|---|---|
| Model Name | BP4 |
| Video Capture Resolution | 2K (2560x1440) |
| Effective Still Resolution | 4 MP |
| Frame Rate | 20 frames per second |
| Digital Zoom | 20X |
| Viewing Angle | 110 Degrees |
| Night Vision Range | 33 Feet (10m) |
| Night Vision Type | Color Night (with 2 IR LEDs and 6500K spotlight) |
| Power Source | Solar Powered (5W Solar Panel) & Battery (10,000mAh) |
| Connectivity Technology | Wireless (Wi-Fi 2.4GHz) |
| Weather Resistance | IP66 Waterproof |
| Audio | 2-Way Audio |
| Motion Detection | PIR Human Detection (AI recognition for human, animal, vehicle, package) |
| Storage Options | Micro SD Card (up to 256GB), Cloud Storage |
| Smart Home Compatibility | Amazon Alexa, Google Assistant |
| Dimensions (L x W x H) | 2.64 x 7.99 x 2.64 inches |
| Item Weight | 1.21 pounds |

## 8. Warranty and Support

The Foscam BP4 camera comes with a standard manufacturer's warranty. For specific warranty details, registration, and to access comprehensive technical support, FAQs, and additional resources, please visit the official Foscam website: www.foscam.com
Foscam is committed to providing reliable products and customer service. If you encounter any issues or have questions, please refer to the online support channels or contact Foscam customer service directly.

**Related Documents - BP4**

| | |
|---|---|
| | FOSCAM Security Camera Quick Setup Guide \| Installation & Configuration<br>Comprehensive quick setup guide for FOSCAM security cameras. Learn how to install, connect via the Foscam App, access your camera, and find technical support. |
| | Foscam R3/R5 Indoor IP Security Camera Quick Setup Guide \| Installation & Configuration<br>Get your Foscam R3 or R5 Indoor IP Security Camera up and running quickly with this comprehensive setup guide. Learn about hardware installation, app connection, Foscam VMS, and important safety tips. |
| | FOSCAM FI8906W Outdoor Wireless IP Camera User Manual<br>User manual for the FOSCAM FI8906W Outdoor Wireless IP Camera. Covers installation, setup, software interface, advanced network and camera settings, firmware updates, and troubleshooting for this wireless surveillance device. |
| | FOSCAM SD8P Outdoor IP Security Camera User Manual<br>Comprehensive user manual for the FOSCAM SD8P Outdoor IP Security Camera, covering key features, installation, specifications, and default parameters. |
|  | Foscam Battery-Powered Security Camera Quick Setup Guide \| Installation & Wi-Fi Setup<br>Get started with your Foscam battery-powered security camera. This guide covers unboxing, camera installation, Wi-Fi connection via the Foscam app, solar panel setup, and troubleshooting tips for a secure home. |
| | FOSCAM Indoor FHD IP Camera User Manual<br>This user manual provides comprehensive instructions for setting up, configuring, and operating the FOSCAM Indoor FHD IP Camera (Models R2, R4, R2C, R2E). It covers wired and wireless connections, remote access, software usage, advanced settings, troubleshooting, and specifications. |



[Foscam Battery-Powered Security Camera Quick Setup Guide | Installation & Wi-Fi Setup]

Get started with your Foscam battery-powered security camera. This guide covers unboxing, camera installation, Wi-Fi connection via the Foscam app, solar panel setup, and troubleshooting tips for a secure home.

lang:en score:36 filesize: 8.29 M page_count: 1 document date: 2024-12-11

**Foscam BP4 batteriebetriebene 2K 4 MP WLAN-Überwachungskamera inkl. Solarpanel**

EAN: 6954836019351

Die batteriebetriebene Kamera Foscam BP4 liefert gestochen scharfe Bilder mit einer Auflösung von bis zu 2560 x 1440 Pixeln bei 20 Bildern pro Sekunde.

Sie erhöht den Präzisionsgrad und die Detailgenauigkeit der Sicherheitsaufnahmen, so dass sich wichtige Informationen besser erkennen und aufnehmen lassen.

Zusätzlich zu den grundlegenden Funktionen, wie z.B. die Bewegungserkennung, bietet die Foscam B4 auch eine PIR-Personenerkennung, die in der Lage ist, Personen von anderen sich bewegenden Objekten zu unterscheiden und einen Alarm zu senden, um ihnen eine schnelle Reaktion zu ermöglichen und evtl. unbefugten Zutritt zu verhindern.

Bei Erkennung eines Eindringlings wird das Spotlight aktiviert und ein Alarmton ertönt, um potenzielle Täter abzuschrecken. Das Spotlight kann auch manuell aktiviert werden.

Dank der zwei integrierten Spotlight IR LEDs bietet die Foscam BP4 Nachtsichtreichweite von bis zu 10 Metern. Lebendige Farbbilder sind auch in der Dunkelheit möglich.

Mit Wiederaufladbarer Batterie und Solarpanel bleibt die Kamera jederzeit einsatzbereit. Mit einem leistungsstarken 10.000 mAh Akku (4 18650 Batterien enthalten) und dem Foscam Solarpanel ist die BP4 vollständig kabellos und unabhängig von Steckdosen. Ein solarbetriebenes System sorgt für maximale Flexibilität.

Die Foscam BP4 ist mit integriertem einem Mikrofon und einem Lautsprecher ausgestattet und unterstützt dadurch Zwei-Wege-Audio in Echtzeit. So können Sie mit Ihren Gästen kommunizieren und unerwünschte Gäste abweisen, unabhängig von Ihrem Standort.

Die Foscam Mobile App ist die ideale Lösung, mit der Sie die Live-Übertragungen ansehen, über die batteriebetriebene Kamera sprechen und zuhören können, Sofortwarnungen auf dem Smartphone empfangen und vieles mehr. Die Foscam PC App ist eine Videoverwaltungssoftware (VMS) mit einer intuitiven Benutzeroberfläche, die es ermöglicht, Videos auf dem Computer, Laptop zu speichern, zu finden, anzusehen und zu verwalten.

Die Kamera kann dort aufgestellt werden, wo sie ein gutes WLAN-Signal empfangen kann. Da keine Steckdose oder ein Verlängerungskabel benötigt werden, ist die Kamera flexibel einsetzbar.

Die Foscam BP4 ist ist nach IP66 geschützt und hält extremen Wetterbedingungen stand. Ob vor der Haustür, in der Garage oder im Lager – diese Kamera funktioniert zuverlässig bei Temperaturen von -20°C bis 60°C.

Die Aufnahmen können auch lokal auf einer Micro-SD-Karte (bis zu 256 GB) gespeichert werden.

Diese WLAN Überwachungskamera unterstützt Alexa & Google Home.

**Highlights**

- Hochauflösendes 2K-Video bei Tag und Nacht
- PIR-Erkennung von Personen
- Wiederaufladbare Batterie und Solarbetrieb
- Nachtsicht in Farbe
- Zwei-Wege-Audio mit integriertem Mikrofon und Lautsprecher
- Integrierte 2 farbige Scheinwerfer und IR-LED
- Unterstützt SD Karten mit bis zu 256 GB zum Speichern der Videos
- IP66 Wasserfest
- Unterstützung von Alexa & Google Home

[pdf] User Manual

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Foscam **BP4** batteriebetriebene 2K 4 MP WLAN-berwachungskamera inkl. Solarpanel EAN: 6954836019351 Die batteriebetriebene Kamera Foscam **BP4** liefert gestochen scharfe Bilder mit einer Auflsung von bis zu 2560 x 1440 Pixeln bei 20 Bildern pro Sekunde. Sie erhht den Przisionsgrad und die Detailgenauigkei...

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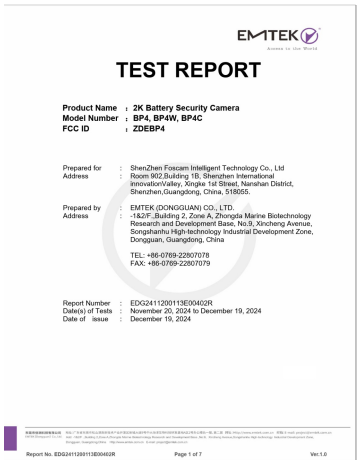

EMTEK

**TEST REPORT**

| | | |
|---|---|---|
| **Product Name** | : | **2K Battery Security Camera** |
| **Model Number** | : | **BP4, BP4W, BP4C** |
| **FCC ID** | : | **ZDEBP4** |

| | | |
|---|---|---|
| Prepared for Address | : | ShenZhen Foscam Intelligent Technology Co., Ltd Room 902,Building 1B, Shenzhen International innovationValley, Xingke 1st Street, Nanshan District, Shenzhen,Guangdong, China, 518055. |
| Prepared by Address | : | EMTEK (DONGGUAN) CO., LTD. -1&2/F.,Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China TEL: +86-0769-22807078 FAX: +86-0769-22807079 |
| Report Number | : | EDG241120011 3E00402R |
| Date(s) of Tests | : | November 20, 2024 to December 19, 2024 |
| Date of issue | : | December 19, 2024 |

Report No. EDG241120011 3E00402R Page 1 of 7 Ver.1.0

[pdf] Specifications Test Report SAR Rating

abc RF Exposure ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

TEST REPORT Product Name 2K Battery Security Camera Model Number **BP4**, **BP4**W, **BP4**C FCC ID ZDE**BP4** Prepared for Address Prepared by Address : ShenZhen Foscam Intelligent Technology Co., Ltd : Room 902,Building 1B, Shenzhen International innovationValley, Xingke 1st Street, Nanshan District, Shenzh...

lang:en score:31 filesize: 413.64 K page_count: 7 document date: 2025-01-02

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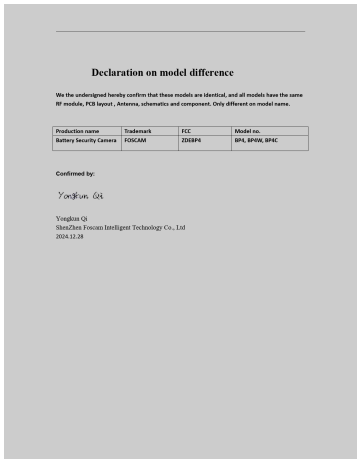
- Unterstützung von Alexa & Google Home

## [pdf] User Manual Datasheet

IV kd Buy Foscam BP4 Wi Fi IP CCTV camera 2560 x 1440 p Conrad Electronicdatasheet 3387299 foscam bp4 wi fi ip cctv passet conrad media10 add 160267 c1 de 003387299DS00 datasheet batteriebetriebene 2K 4 MP WLANDie Kamera liefert gestochen scharfe Bilder mit einer Auflösung von bis zu Pixeln bei 20 Bildern pro SekundeBuy Electronicpodatkovna tablica wlan sigurnosna kamera pikseldatasheet podatkovna pikselasset ||| ||| Foscam BP4 batteriebetriebene 2K 4 MP WLAN-berwachungskamera inkl. Solarpanel EAN: 6954836019351 Die batteriebetriebene Kamera Foscam BP4 liefert gestochen scharfe Bilder mit einer Auflsung von bis zu 2560 x 1440 Pixeln bei 20 Bildern pro S Foscam **BP4** batteriebetriebene 2K 4 MP WLAN-berwachungskamera inkl. Solarpanel EAN: 6954836019351 Die batteriebetriebene Kamera Foscam **BP4** liefert gestochen scharfe Bilder mit einer Auflsung von bis zu 2560 x 1440 Pixeln bei 20 Bildern pro Sekunde. Sie erhht den Przisionsgrad und die Detailgenauigkei...
lang:de score:31 filesize: 135.76 K page_count: 2 document date: 2025-02-06



**Declaration on model difference**

**We the undersigned hereby confirm that these models are identical, and all models have the same RF module, PCB layout , Antenna, schematics and component. Only different on model name.**

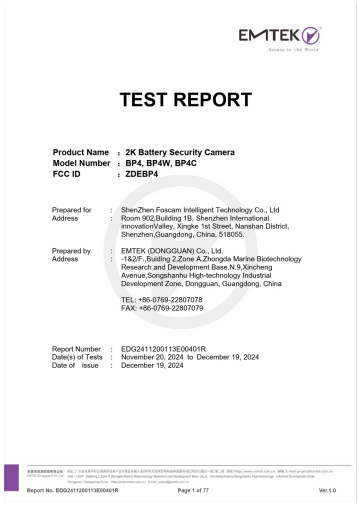
| Production name | Trademark | FCC | Model no. |
|---|---|---|---|
| Battery Security Camera | FOSCAM | ZDEBP4 | BP4, BP4W, BP4C |

**Confirmed by:**

Yongkun Qi
ShenZhen Foscam Intelligent Technology Co., Ltd
2024.12.28

## [pdf] Decleration of Conformity

abc Declaration on model difference ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4 Declaration on model difference We the undersigned hereby confirm that these models are identical, and all models have the same RF module, PCB layout , Antenna, schematics and component. Only different on model name. Production name Trademark Battery Security Camera FOSCAM FCC ZDE**BP4** Model no. ...
lang:de score:29 filesize: 116.14 K page_count: 1 document date: 2025-01-02



EMTEK

**TEST REPORT**

**Product Name : 2K Battery Security Camera**
**Model Number : BP4, BP4W, BP4C**
**FCC ID : ZDEBP4**

Prepared for : ShenZhen Foscam Intelligent Technology Co., Ltd
Address : Room 902,Building 1B, Shenzhen International innovationValley, Xingke 1st Street, Nanshan District, Shenzhen,Guangdong, China, 518055.

Prepared by : EMTEK (DONGGUAN) Co., Ltd.
Address : -1&2/F.,Building 2,Zone A,Zhongda Marine Biotechnology Research and Development Base,N.9,Xincheng Avenue,Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China

TEL: +86-0769-22807078
FAX: +86-0769-22807079

Report Number : EDG241120011 3E00401R
Date(s) of Tests : November 20, 2024 to December 19, 2024
Date of issue : December 19, 2024

Report No. EDG241120011 3E00401R Page 1 of 77 Ver.1.0

## [pdf] Test Report

2 4G WIFI Test Report 1 ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4 TEST REPORT Product Name 2K Battery Security Camera Model Number **BP4**, **BP4**W, **BP4**C FCC ID ZDE**BP4** Prepared for Address Prepared by Address : ShenZhen Foscam Intelligent Technology Co., Ltd : Room 902,Building 1B, Shenzhen International innovationValley, Xingke 1st Street, Nanshan District, Shenzh...
lang:en score:28 filesize: 4.54 M page_count: 38 document date: 0000-00-00

ShenZhen Foscam Intelligent Technology Co., Ltd
Room 902,Building 1B, Shenzhen International Innovation Valley,
Xingke 1st Street, Nanshan Dist

Date: 2025.01.02

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

FCC ID: ZDEBP4
FRN: 0022772438

US Agent – Attestation Statement / Part 2.911(d)(7)

ShenZhen Foscam Intelligent Technology Co., Ltd. certifies, that as of 2025.01.02,
we have designated FCC US Agent, LLC to accept service of process on our behalf for FCC ID: ZDEBP4.

ShenZhen Foscam Intelligent Technology Co., Ltd accepts to maintain an agent of service of process in the United States for no less than one year after either the grantee has permanently terminated all marketing and importation ofthe applicable equipment within the U.S., or the conclusion f any Commission-related administrative or judicial proceeding involving the equipment, whichever is latter.

FCC US Agent, LLC. accepts as of the date of the filing of this application, the obligation of being the designated agent for the purpose of accepting service of process on behalf of ShenZhen Foscam Intelligent Technology Co., Ltd. for FCC ID: ZDEBP4.

**Designated Agent Information:**
Company Name: FCC US Agent, LLC
FRN: 0033402884
Address: 3722 Illinois Avenue, Saint Charles, IL, 60174, USA
Contact Person: Tim Payne
Phone: 708-571-3148
Email: Support@FCCUSAgent.com

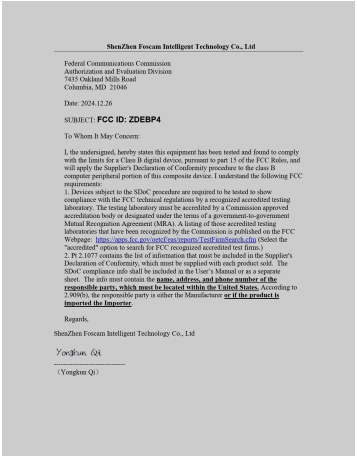
Sincerely,

Company: ShenZhen Foscam Intelligent Technology Co., Ltd
Company Representative:Yongkun Qi
Signature: Yongkun Qi

Designated Agent: FCC US Agent, LLC
Designated Agent Representative: Tim Payne
Signature: Tim Payne

## [pdf] Agent Authorization

Tim Payne US AGENT Letter ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4 ShenZhen Foscam Intelligent Technology Co., Ltd Room 902,Building 1B, Shenzhen International Innovation Valley, Xingke 1st Street, Nanshan Dist Date: 2025.01.02 Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 FCC ID: ZDE**BP4** FRN: 0022...
lang:en score:23 filesize: 127.98 K page_count: 1 document date: 2025-01-02



ShenZhen Foscam Intelligent Technology Co., Ltd

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Date: 2024.12.26

SUBJECT: **FCC ID: ZDEBP4**

To Whom It May Concern:

I, the undersigned, hereby states this equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules, and will apply the Supplier's Declaration of Conformity procedure to the class B computer peripheral portion of this composite device. I understand the following FCC requirements:
1. Devices subject to the SDoC procedure are required to be tested to show compliance with the FCC technical regulations by a recognized accredited testing laboratory. The testing laboratory must be accredited by a Commission approved accreditation body or designated under the terms of a government-to-government Mutual Recognition Agreement (MRA). A listing of those accredited testing laboratories that have been recognized by the Commission is published on the FCC Webpage: https://apps.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm (Select the "accredited" option to search for FCC recognized accredited test firms.)
2. Pt. 2.1077 contains the list of information that must be included in the Supplier's Declaration of Conformity, which must be supplied with each product sold. The SDoC compliance info shall be included in the User's Manual or as a separate sheet. The info must contain the **name, address, and phone number of the responsible party, which must be located within the United States.** According to 2.909(b), the responsible party is either the Manufacturer **or if the product is imported the Importer**.

Regards,

ShenZhen Foscam Intelligent Technology Co., Ltd

YongRun Qi

(Yongkun Qi)

## [pdf] Decleration of Conformity

Lu Bian FCC SDOC Attestation Letter ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

ShenZhen Foscam Intelligent Technology Co., Ltd Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 Date: 2024.12.26 SUBJECT: FCC ID: ZDE**BP4** To Whom It May Concern: I, the undersigned, hereby states this equipment has been tested and fou...

lang:en score:22 filesize: 117.64 K page_count: 1 document date: 2025-01-02

[ShenZhen Foscam Intelligent Technology Co., Ltd]

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date: 12-25-2024

Ref: Attestation Statements Part 2.911(d)(5)(i) Filing
FCC ID: ZDEBP4

[ShenZhen Foscam Intelligent Technology Co., Ltd] ("the applicant") certifies that the equipment for which authorization is sought **is not** "covered" equipment prohibited from receiving an equipment authorization pursuant to section 2.903 of the FCC rules.

Sincerely,

(Applicant signature)
(Yongkun Qi)

YongRun Qi

Rev 1/26/2023

## [pdf]

APPLICANT S LETTERHEAD Sid Sanders Attestation Statements 2 911 d 5 ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

ShenZhen Foscam Intelligent Technology Co., Ltd Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 USA Date: 12-25-2024 Ref: Attestation Statements Part 2.911 d 5 i Filing FCC IDZDE**BP4** ShenZhen Foscam Intelligent Technology Co., L...

lang:en score:22 filesize: 102.93 K page_count: 2 document date: 2025-01-02

ShenZhen Foscam Intelligent Technology Co., Ltd

Federal Communications Commission
Authorization and Evaluation Division

Confidentiality Request regarding application for certification of FCC ID: ZDEBP4

Pursuant to Sections 0.457 and 0.459 of the Commission's Rules, we hereby request confidential treatment of information accompanying this application as outlined below:

| **Exhibit Type** | **File Name** |
|---|---|
| Block Diagram | Block Diagram |
| Schematics | Schematics |
| Operational Description | Operational Description |

The above materials contain trade secrets and proprietary information not customarily released to the public. The public disclosure of these materials may be harmful to the applicant and provide unjustified benefits to its competitors.

The applicant understands that pursuant to Section 0.457 of the Rules, disclosure of this application and all accompanying documentation will not be made before the date of the Grant for this application.

Pursuant to DA04-1705 June 15, 2004 of the Commission's public notice, We also requesting the commission to grant short-term confidentiality request on the following attachments until **180** days after the Grant Date of Equipment Authorizations.

| **Exhibit Type** | **File Name** |
|---|---|

Sincerely,

YongRun Qi

Yongkun Qi
2024.12.25

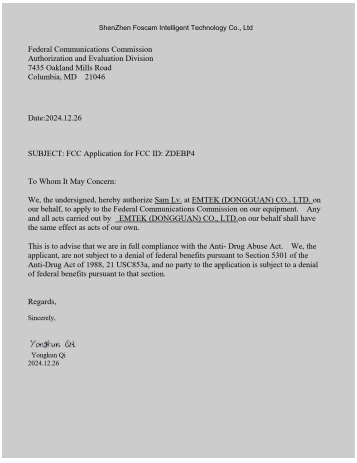
Rev 11/20/07

## [pdf] Confidentiality Request Letter

APPLICANT S LETTERHEAD Sid Sanders Confidentiality Letter ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

ShenZhen Foscam Intelligent Technology Co., Ltd Federal Communications Commission Authorization and Evaluation Division Confidentiality Request regarding application for certification of FCC ID: ZDE**BP4** Pursuant to Sections 0.457 and 0.459 of the Commission s Rules, we hereby request confidential tr...

lang:en score:21 filesize: 90.6 K page_count: 1 document date: 2025-01-02



ShenZhen Foscam Intelligent Technology Co., Ltd

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Date:2024.12.26

SUBJECT: FCC Application for FCC ID: ZDEBP4

To Whom It May Concern:

We, the undersigned, hereby authorize Sam Lv, at EMTEK (DONGGUAN) CO., LTD, on our behalf, to apply to the Federal Communications Commission on our equipment. Any and all acts carried out by EMTEK (DONGGUAN) CO., LTD,on our behalf shall have the same effect as acts of our own.

This is to advise that we are in full compliance with the Anti- Drug Abuse Act. We, the applicant, are not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 USC853a, and no party to the application is subject to a denial of federal benefits pursuant to that section.

Regards,

Sincerely,

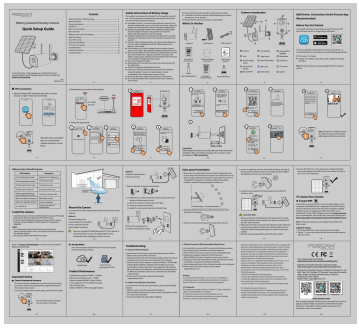
YongRun Qi
Yongkun Qi
2024.12.26

## [pdf]

TIMCO Engineering Inc Valued Sony Customer Authority Letter ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

ShenZhen Foscam Intelligent Technology Co., Ltd Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 Date:2024.12.26 SUBJECT: FCC Application for FCC ID: ZDE**BP4** To Whom It May Concern: We, the undersigned, hereby authorize Sam Lv. at EMTE...

lang:en score:21 filesize: 71.88 K page_count: 1 document date: 2025-01-02

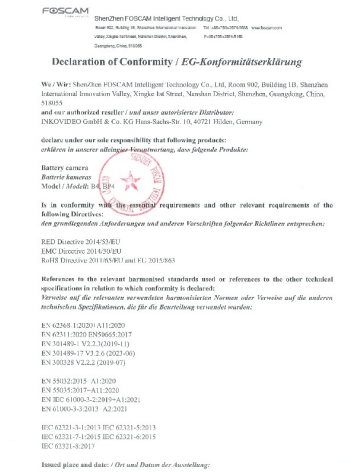


[pdf] User Manual Instructions

305503001109 BP4 140×105mm V2 0 k User Manual ShenZhen Foscam Intelligent Technology Co Ltd ZDEBP4 bp4

Warning To assure continued compliance, any changes or modi cations not expressly approved by the party.Responsible for compliance could void the user s authority to operate this equipment. FCC Statement This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two...

lang:en score:18 filesize: 2.07 M page_count: 1 document date: 2024-11-26



FOSCAM

ShenZhen FOSCAM Intelligent Technology Co., Ltd.

**Declaration of Conformity / *EG-Konformitätserklärung***

**We / Wir:** ShenZhen FOSCAM Intelligent Technology Co., Ltd, Room 902, Building I D, Shenzhen International Innovation Valley, Xingke 1st Street, Nanshan District, Shenzhen, Guangdong, China, 518055

**and our authorized reseller** / *und unser autorisierter Distributeur;*

INKOVIDEO GmbH & Co. KG Hans-Sachs-Str. 10, 40721 Hilden, Germany

**declare under our sole responsibility that following products:**

*erklären in unserer alleinigen Verantwortung, dass folgende Produkte:*

Battery camera

*Batterie kameras*

Model / *Modell*: B4, BP4

**Is in conformity with the essential requirements and other relevant requirements of the following Directives:**

*den grundliegenden Anforderungen und anderen Vorschriften folgender Richtlinee entsprechen:*

RED Directive 2014/53/EU

EMC Directive 2014/30/EU

RoHS Directive 2011/65/EU and EU 2015/863

**References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:**

*Verweise auf die relevanten verwendeten harmonisierten Normen oder Verweise auf die anderen technischen Spezifikationen, die für die Beurteilung verwendet wurden:*

EN 62368 1:2020+A11:2020

EN 62311:2020 EN50665:2017

EN 301489-1 V2.2.3(2019-11)

EN 301489-17 V3.2.6 (2022-06)

EN 300328 V2.2.2 (2019-07)

EN 55032:2015 +A1:2020

EN 55035:2017+A11:2020

EN IEC 61000-3-2:2019+A1:2021

EN 61000-3-3:2013 +A2:2021

IEC 62321-3-1:2013 IEC 62321-5:2013

IEC 62321-7-1:2015 IEC 62321-6:2015

IEC 62321-8:2017

**Issued place and date:** / *Ort und Datum der Ausstellung:*

[pdf] Decleration of Conformity

Germany EC Declaration B4 BP4 Foscam of Conformity System foscam Images ce |||

...

lang:en score:15 filesize: 470.53 K page_count: 2 document date: 2024-12-24

EMTEK

FCC ID: ZDEBP4

Report No. EDG2411200113E004 Page 1 of 6 Ver.1.0

[pdf] Product Photos Teardown

abc Internal Photos ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

FCC ID: ZDE**BP4** Report No. EDG2411200113E004 Page 1 of 6 Ver.1.0 Report No. EDG2411200113E004 Page 2 of 6 Ver.1.0 Report No. EDG2411200113E004 Page 3 of 6 Ver.1.0 Report No. EDG2411200113E004 Page 4 of 6 Ver.1.0 Report No. EDG2411200113E004 Page 5 of 6 Ver.1.0 Report No. EDG24112...

lang:en score:14 filesize: 1.82 M page_count: 6 document date: 2025-01-06

[pdf] Product Photos

abc External Photos ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

FCC ID: ZDE**BP4** Report No.EDG2411200113E004 Page 1 of 6 Ver.1.0 Report No.EDG2411200113E004 Page 2 of 6 Ver.1.0 ANT Report No.EDG2411200113E004 Page 3 of 6 Ver.1.0 Report No.EDG2411200113E004 Page 4 of 6 Ver.1.0 Report No.EDG2411200113E004 Page 5 of 6 Ver.1.0 Report No.EDG241120...

lang:en score:14 filesize: 2.05 M page_count: 6 document date: 2025-01-06

SPECIFICATION

Shenzhen Guandetong Electronic Limited

Shenzhen Guandeong Electronics Co., Ltd. Shenzhen Guandetong Electronic C o., Ltd.

External antenna: 2.4 G 3 dBi (white-small lower seat antenna) Feeder L: 150mm +/ - 3mm

specification

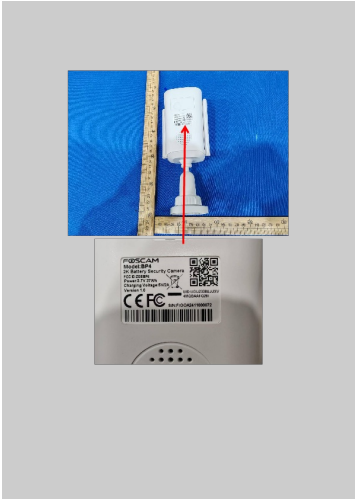
| client | Foscam, Shenzhen City | frequency range | 2400 MHZ-2500 MHZ |
|---|---|---|---|
| Wire name | | edition | A1 |
| Customer material number | 303305000118 | Coronet material number | |
| Coronet No | | | |
| RF design | Xiao Bin | Radio frequency manager | Liu Liang |
| architectural design | Wang Dong | Structure manager | Wang Hua |
| Technical Director | andy | date | 2024/12/25 |

[pdf] Confidentiality Request Letter

yy Antenna Specification ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

SPECIFICATION Shenzhen Guandetong Electronic Limited QR/ RD-P01-06B Shenzhen Guandeong Electronics Co., Ltd. Shenzhen Guandetong Electronic C o., Ltd. External antenna: 2.4 G 3 dBi white-small lower seat antenna Feeder L: 150mm / -3mm specification client Wire name Customer material number Co...

lang:en score:14 filesize: 291.32 K page_count: 10 document date: 2025-01-03



[pdf] Label

EMC Label Location ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

...

lang:en score:14 filesize: 513.83 K page_count: 1 document date: 2025-01-02

[pdf] Product Photos

abc Test Setup Photos ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

FCC ID: ZDE**BP4** Report No. EDG2411200113E004 Page 1 of 2 Ver.1.0 Report No. EDG2411200113E004 Page 2 of 2 Ver.1.0 ...

lang:en score:13 filesize: 544.67 K page_count: 2 document date: 2025-01-02

[pdf] Test Report

2 4G WIFI Test Report ShenZhen Foscam Intelligent Technology Co Ltd BP4 ZDEBP4 bp4

TestMode 11B 11B 11B 11G 11G 11G 11N20SISO 11N20SISO 11N20SISO Antenna Ant1 Ant1 Ant1 Ant1 Ant1 Ant1 Ant1 Ant1 Ant1 Frequency MHz 2412 2437 2462 2412 2437 2462 2412 2437 2462 Result dBm/3-100kHz -17.56 -18.00 -17.53 -19.72 -20.24 -19.82 -20.24 -20.97 -20.48 Limit dBm/3kHz 8.00 8.00 8.00 8.00 ...

lang:en score:13 filesize: 5.35 M page_count: 39 document date: 0000-00-00