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## FUVISION B098DBSTX6

# FUVISION Solar Security Camera Outdoor User Manual

Model: B098DBSTX6

### PRODUCT OVERVIEW

The FUVISION Solar Security Camera is a wireless, WiFi-enabled PTZ (Pan-Tilt-Zoom) camera designed for outdoor surveillance. It features a rechargeable solar battery for continuous operation, two-way audio communication, motion detection with siren alerts, and color night vision capabilities. Video can be stored locally on an SD card or via cloud storage.



Image: The FUVISION Solar Security Camera, showing the main camera unit with its integrated solar panel for power.

Your browser does not support the video tag.

Video: An overview of the FUVISION S30 Solar Camera, highlighting its key features and benefits for outdoor security.

## WHAT'S INCLUDED

Upon unboxing your FUVISION Solar Security Camera, please verify that all components are present:

- FUVISION PTZ Camera Unit
- Detachable Solar Panel (6.5 watts)
- Mounting Bracket for Camera
- Mounting Bracket for Solar Panel (if separate)
- USB Charging Cable
- Mounting Screws and Wall Anchors
- User Manual (this document)

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Video: An unboxing video demonstrating the contents of the FUVISION Solar Security Camera package, including the camera, solar panel, and accessories.



Image: A flat lay of all components included with the FUVISION Solar Security Camera, such as the camera body, solar panel, various mounting brackets, screws, and cables.

## SETUP GUIDE

### 1. Initial Charging

Before initial use, fully charge the camera's built-in battery using the provided USB cable and a 5V2A USB adapter (not included). This ensures optimal performance and battery longevity.

### 2. App Installation and Account Creation

Download the dedicated mobile application (e.g., UBOX app) from your smartphone's app store (iOS/Android). Follow the on-screen prompts to create an account and log in.

### 3. Camera Pairing

1. Power on your camera. Listen for a voice prompt indicating it's ready for pairing.
2. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. This camera does not support 5GHz Wi-Fi.
3. In the app, select "Add Device" and follow the instructions to scan the QR code displayed on the camera or in the manual.
4. Once connected, the camera will confirm successful pairing.

### 4. Mounting the Camera and Solar Panel

Choose a mounting location that provides a clear view of the area you wish to monitor and receives ample direct sunlight for the solar panel. The camera is IP66 weatherproof, suitable for various outdoor conditions.

- Use the provided screws and wall anchors to securely mount the camera bracket.
- Attach the camera to its bracket.
- Mount the solar panel in a location that maximizes sun exposure throughout the day. It can be mounted separately from the camera using the extended USB cable.
- Connect the solar panel cable to the camera.





# Solar Powered and Build in Rechargeable Battery

Image: The FUVISION camera mounted on a tree, showcasing its solar power capability in an outdoor setting.



Image: An illustration demonstrating the 100% wireless setup of the FUVISION camera, connecting to a Wi-Fi router.



## OPERATING INSTRUCTIONS

### Pan, Tilt, and Digital Zoom

The camera offers a 355 Degrees horizontal pan and 100 Degrees vertical tilt for comprehensive coverage. You can control these movements remotely via the mobile app. The camera also supports digital zoom, optical zoom (note: no optical zoom).



Image: A visual representation of the camera's 355-degree pan and 100-degree tilt functionality, controlled remotely through the mobile application.

## Pan & Tilt = 360° All-Round View



Image: An expansive view demonstrating the camera's ability to provide a 360-degree all-round view through its pan and tilt features.

### Two-Way Talk

Utilize the built-in microphone and speaker for two-way audio communication. This allows you to hear and speak to individuals within the camera's range, with noise cancellation for clear audio.



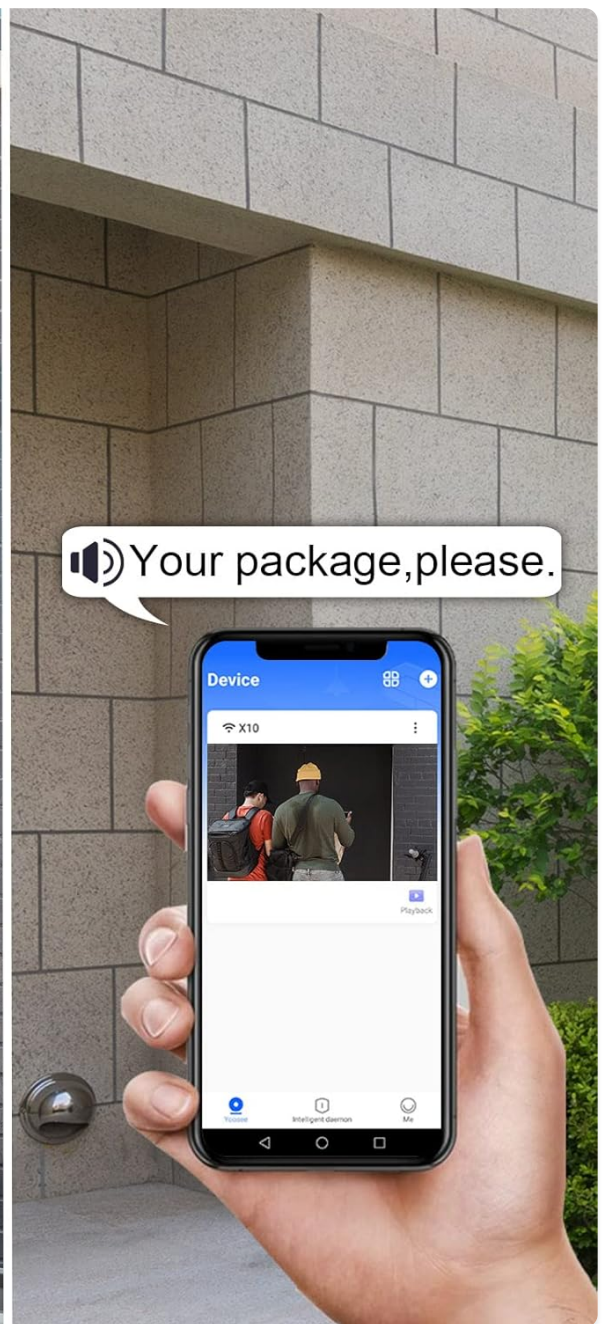
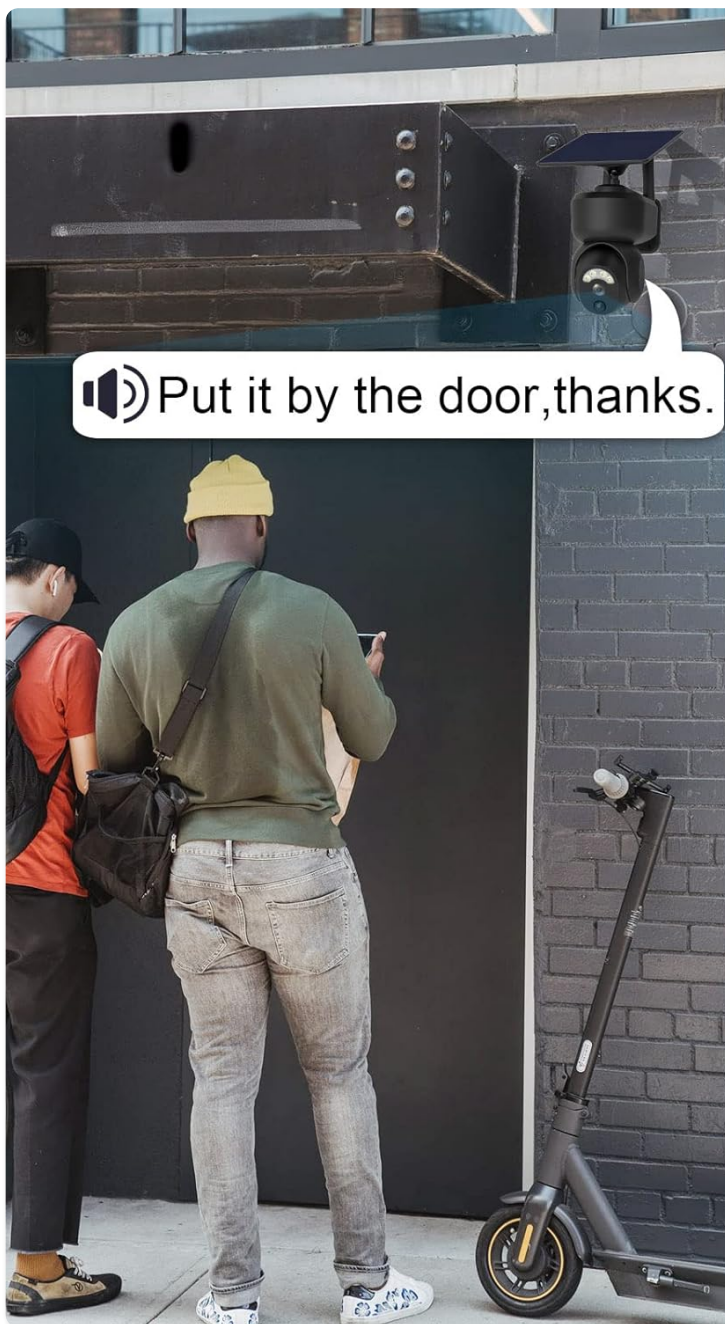


Image: A scenario depicting the two-way talk feature, where a user communicates with someone at their door through the camera.

## Motion Detection and Alerts

The camera features advanced PIR human sensing and AI human detection to minimize false alerts. When motion is detected, the camera will send instant notifications to your smartphone and record a short video clip. You can adjust the sensitivity of motion detection in the app.



## PIR Motion Detection & Real-time Notifications

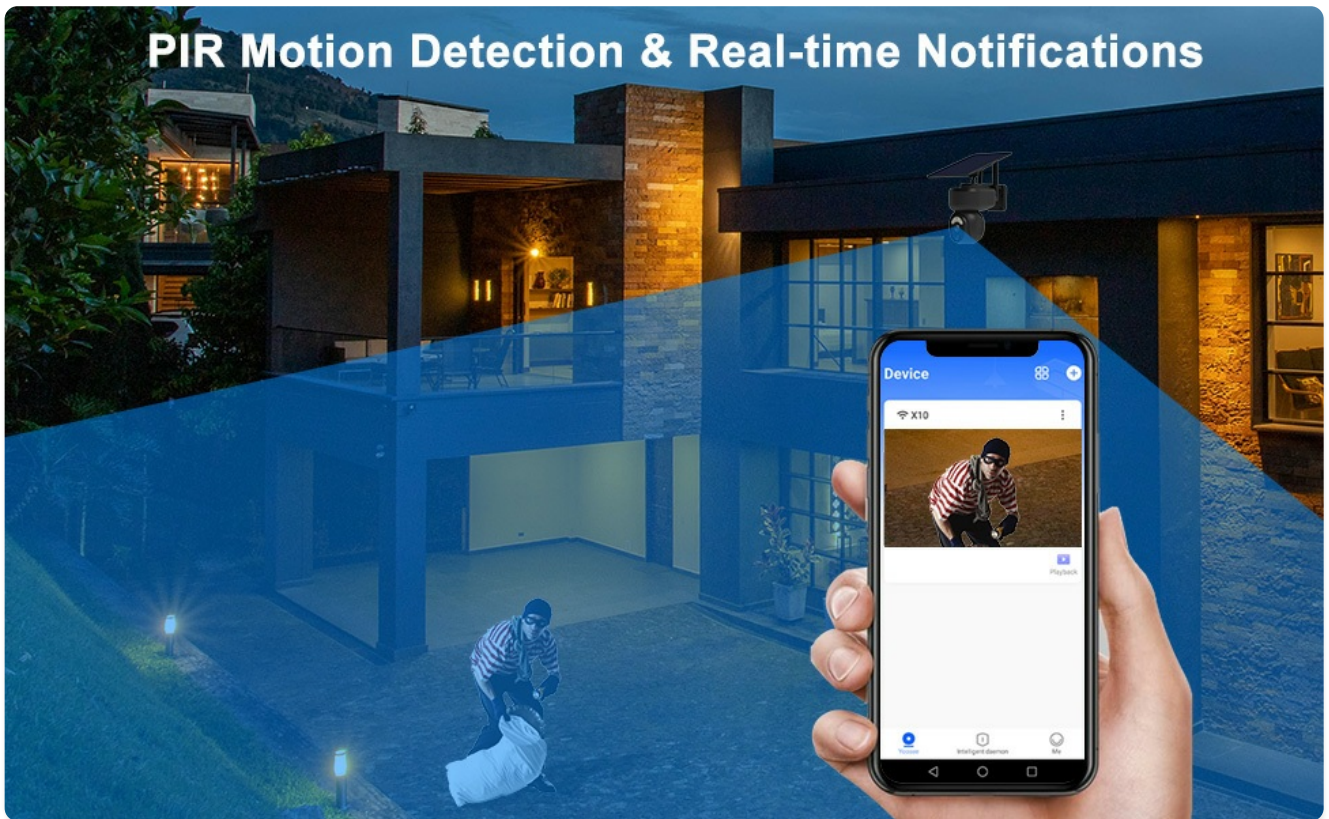


Image: An illustration showing the camera's PIR motion detection capabilities, highlighting how it sends real-time notifications to a smartphone when activity is detected.

### Night Vision

Equipped with 4 white LEDs and 2 infrared LEDs, the camera provides clear video in various lighting conditions. It automatically switches between day and night modes. The infrared LEDs offer night vision up to 36 feet in total darkness, while the spotlights enable color night vision.

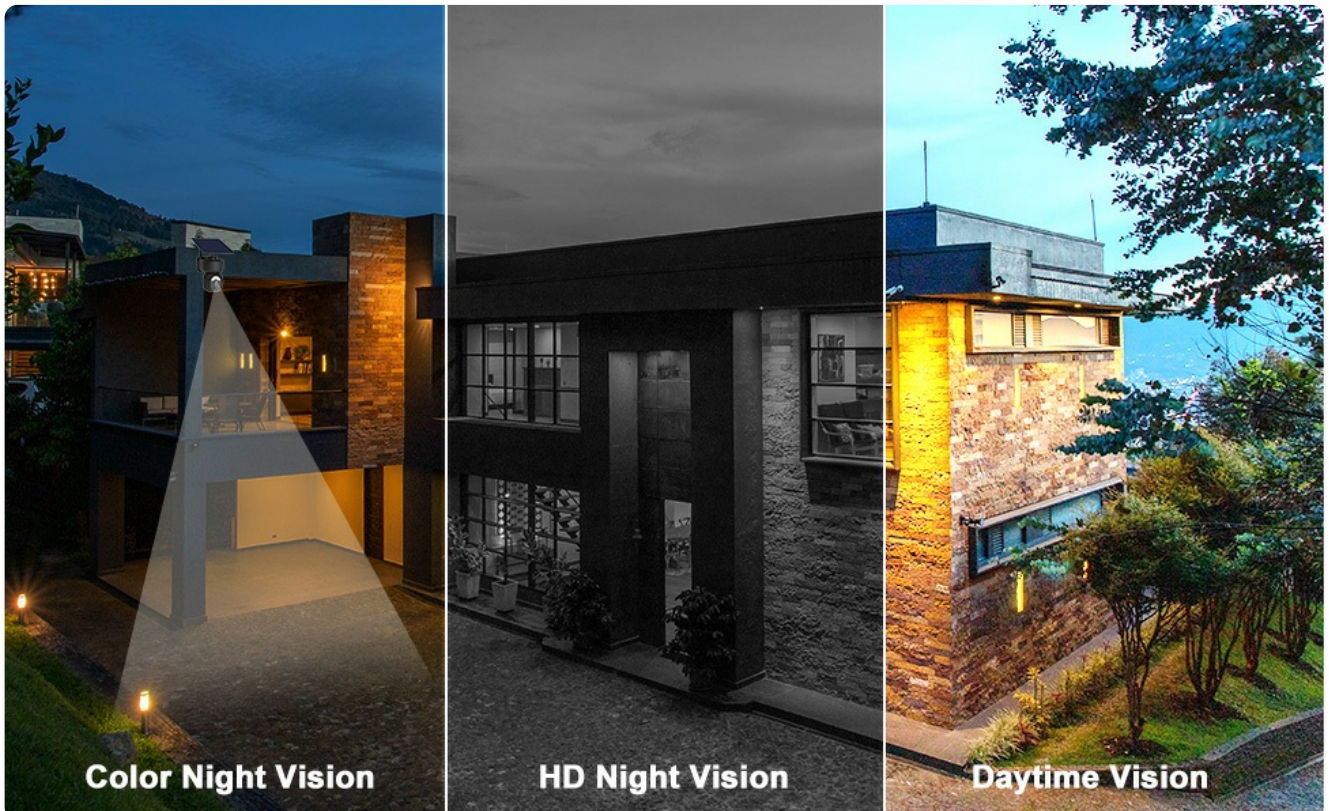


Image: A comparison of the camera's night vision modes, including full-color night vision, standard HD infrared night vision, and daytime vision.

## Storage Options

Recordings can be saved to a removable micro SD card (up to 128GB, not included) or to the cloud storage service (30-day free trial available). Ensure the SD card is formatted on the device before use.

## MAINTENANCE

- **Solar Panel:** Regularly clean the surface of the solar panel to ensure maximum sunlight absorption. Dust, dirt, or debris can reduce charging efficiency.
- **Battery:** The camera is powered by a high-capacity rechargeable battery. While the solar panel provides continuous charging, in periods of prolonged rain or low sunlight, you may need to manually charge the camera using a 5V2A USB adapter.
- **Firmware Updates:** Periodically check the mobile app for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Physical Inspection:** Occasionally inspect the camera and mounting hardware for any signs of wear, damage, or loose connections.



Image: An illustration showing the camera's internal battery compartment and a visual representation of its charge level, indicating the solar charging capability.

## TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Cause of Malfunction / Troubleshooting
Disconnected/unable to connect to the network	Poor connection signal. Please pair the camera with the UBOX app and ensure the signal strength is at three frames or better. Move the device if it doesn't meet the minimum requirements. Cannot connect to 5G WiFi - this product does not support 5G signal band, please turn off the 5G band and connect to a 2.4G wireless network.
Will not hold charge	Solar panel doesn't charge the camera. The solar panel needs to face the sun to ensure sufficient sunlight. In case of persistent rain, it may be necessary to remove the device and use a 5V2A USB adapter to charge the camera.



Problem	Cause of Malfunction / Troubleshooting
Damaged Wi-Fi antenna	Shipping Issues. Please contact the FUVISION service team.
Unable to access SD card	SD card not supported. Please use a genuine SD card, which needs to be formatted on the device before use. Supports up to 128GB. No switching of storage methods. Please change the cloud storage to SD card storage in UBOX.
Camera doesn't trigger detection & alarm notifications	Not in the detection range. The best height for equipment installation is 2.6M. Please ensure that the camera covers the required monitoring area. PIR human sensing turned off. Please turn on PIR human sensing in UBOX and adjust its sensitivity to the appropriate range.
Camera turns off automatically	Shutdown due to power shortage. Charge the product. Network instability causes offline. Check if the router's WiFi is working properly. Maintain high signal strength.
Unknown reason	Other reason. Please contact the FUVISION service team.

Problem	The cause of the malfunction ----- Trouble shooting
Disconnected/unable to connect to the network	Poor connection signal ----- Please pair the camera with ubox and judge the signal strength.Keep the signal strength at three frames or better.Please move the device if it doesn't meet the min requirements.
	Cannot connect to 5G wifi ----- This product does not support 5G signal band, please turn off the 5G band and connect 2.4G wireless network
Will not hold charge	Solar panel does't charge them ----- Solar panel needs to face the sun, ensure that the sufficient sunlight on the solar panel. In the case of persistent rain, it may need to remove the device & use a 5V2A USB adapter to charge the camera.
Damaged Wi-Fi antenna	Shipping Issues ----- Please contact FUVISION service team
Unable to access SD card	SD card not supported ----- Please use genuine SD card, which needs to be formatted on the device before use. Supports up to 128GB
	No switching of storage methods ----- Please change the cloud storage to SD card storage in UBOX
Camera doesn't trigger detection & alarm notifications	Not in the detection range ----- The best height for equipment installation is 2.6M, please ensure that the camera covers the required monitoring area
	PIR human sensing turned off ----- Please turn on PIR human sensing in UBOX and adjust its sensitivity to the appropriate range
Camera turns off automatically	Shutdown due to power shortage ----- Charging of products
	Network instability causes offline ----- Check if the router's WiFi is working properly, Maintain high signal strength
Unknown reason	Other reason ----- Please contact FUVISION service team

Image: A detailed troubleshooting table outlining common problems, their causes, and recommended solutions for the camera.

## SPECIFICATIONS

Feature	Detail
Model	B098DBSTX6
Video Capture Resolution	1080p Full HD

Feature	Detail
Pan Angle	355 Degrees
Tilt Angle	100 Degrees
Digital Zoom	digital zoom,optical zoom (No Optical Zoom)
Power Source	Battery Powered,Solar (6.5 watts Solar Panel)
Connectivity Protocol	Wi-Fi (2.4GHz only)
Controller Type	Android (via UBOX App)
Mounting Type	Wall Mount
Color	Black
International Protection Rating	IP66 (Weatherproof)
Night Vision	Infrared LEDs (up to 36 feet), White Spotlights for Color Night Vision
Motion Detection	PIR Human Sensing + AI Human Detection
Audio	2-Way Talk with Noise Cancellation
Storage	Micro SD Card (Max 128GB), Cloud Storage
Dimensions (L x W x H)	5.9 x 3.15 x 5.51 inches
Item Weight	2.42 pounds

### WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official FUVISION website or contact their customer service directly. You can also find additional resources and FAQs on the product support page.

Official User Guide (PDF): [Download User Guide](#)

Official User Manual (PDF): [Download User Manual](#)



