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› [blurams 2K Outdoor Camera Wired, 5GHz/2.4GHz Cameras for Home Security Outside with 360° PTZ, Motion Detection Tracking, Color Night Vision, Two-Way Audio, IP66 Weatherproof, Works with Alexa White-2K](#)

blurams S20C

blurams 2K Outdoor Camera User Manual

Model: S20C | Brand: blurams

INTRODUCTION

The blurams 2K Outdoor Camera (Model S20C) is a comprehensive home security solution designed for outdoor surveillance. It offers advanced features such as 2K Ultra HD resolution, 360° Pan-Tilt-Zoom (PTZ) capabilities, intelligent motion detection with automatic tracking, color night vision, and two-way audio communication. With IP66 weatherproofing, this camera is built to withstand various environmental conditions, providing reliable 24/7 property protection. It supports dual-band Wi-Fi (2.4GHz & 5GHz) and integrates with smart home ecosystems like Alexa and Google Assistant.



Image: The blurams 2K Outdoor Camera (Model S20C) shown alongside a smartphone displaying its live feed, highlighting its dual-band Wi-Fi capability.

WHAT'S IN THE BOX

Upon unboxing your blurams 2K Outdoor Camera, please verify that all the following components are included:

- 1 x blurams 2K Outdoor Security Camera (Model S20C)
- 1 x USB Cable & Power Adapter
- 1 x Screw Accessories Kit (for mounting)
- 1 x User Manual (this document)

SETUP INSTRUCTIONS

1. Physical Installation

The camera can be surface-mounted or wall-mounted. Choose a location that provides optimal viewing coverage and has access to a power outlet. Ensure the mounting surface is stable and can support the camera's weight.

1. **Prepare the Mounting Surface:** Use the provided punch position sticker to mark the drill holes on your desired mounting surface.
2. **Drill Holes:** Using an appropriate drill bit, drill holes at the marked positions.
3. **Secure the Base:** Attach the camera's mounting base to the surface using the provided screws.
4. **Attach the Camera:** Securely attach the camera body to the mounted base.
5. **Connect Power:** Plug the camera into a household electrical outlet using the provided USB cable and power adapter. Ensure the cable is routed safely and securely to prevent damage or tripping hazards.

340° Pan / 90° Tilt Outdoor Camera

Full Coverage Protect Every Corner



Image: A user installing the blurams outdoor camera, demonstrating the mounting process on a wooden exterior wall.

2. App Installation & Configuration

To access and control your blurams camera, you need to download the official blurams app on your smartphone or tablet.

1. **Download the App:** Search for "blurams" in your device's app store (Google Play Store for Android or Apple App Store for iOS) and install it.
2. **Create an Account:** Open the blurams app and follow the on-screen prompts to create a new user account or log in if you already have one.
3. **Add Your Device:**
 - Tap the "+" icon or "Add your first device" option within the app.
 - Select "Outdoor Camera" and then choose "S20C" (Omni Outdoor).
 - Select your preferred connection method: "Wi-Fi Connection" (requires Wi-Fi network) or "Network Cable Connection" (if connecting via Ethernet).
 - Follow the app's instructions to connect the camera to your Wi-Fi network. This typically involves holding the reset button on the camera until a red light flashes, then scanning a QR code displayed on your phone screen with the camera's lens.
 - Once connected, the camera will emit a beep sound, indicating successful pairing.

OPERATING INSTRUCTIONS

1. Live View & PTZ Control

Access the live video feed from your camera anytime, anywhere through the blurams app. The camera supports 340° horizontal (pan) and 90° vertical (tilt) rotation, allowing for comprehensive coverage.

- **Access Live Feed:** Open the blurams app and select your S20C camera from the device list.
- **PTZ Control:** Use the on-screen joystick or swipe gestures within the live view interface to remotely adjust the camera's pan and tilt angles.

340° Pan / 90° Tilt Outdoor Camera

Full Coverage Protect Every Corner



Image: A user demonstrating the 340° pan and 90° tilt functionality of the blurams outdoor camera via the mobile app.

2. Motion Detection & Tracking

The camera features advanced AI algorithms for intelligent motion detection and automatic tracking of moving targets within its 360-degree range.

- **Enable Motion Detection:** Navigate to the camera settings in the app to enable motion detection and customize sensitivity levels.

- **Automatic Tracking:** When motion is detected, the camera will automatically track the movement until the target leaves its field of view.
- **Alerts:** Receive real-time app notifications when motion is detected.
- **Siren Activation:** In Smart Night Vision mode, the night spotlight activates automatically upon motion detection. You can manually activate the siren via the app to deter intruders.



Image: The blurams camera's auto-tracking feature illustrated at night, showing its ability to detect human motion and activate a flashing light and siren.

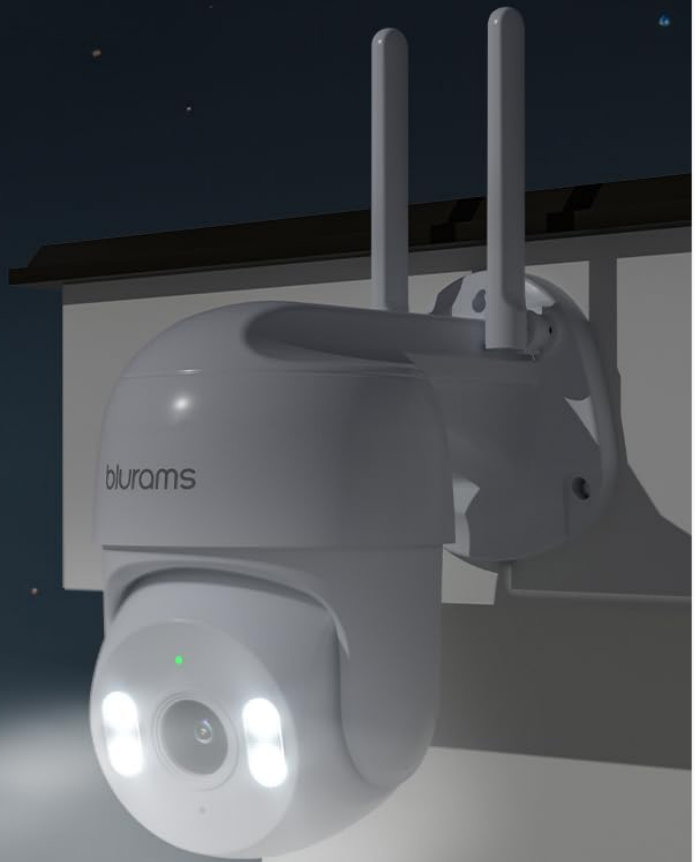
3. Color Night Vision

Equipped with four 850nm infrared LEDs, the camera provides extraordinary color night vision when ambient lights are on, ensuring clear and detailed footage even in low-light conditions.

- **Smart Night Vision Mode:** The camera automatically switches between color and infrared night vision based on lighting conditions and motion detection settings.

2K FHD Color Night Vision

See Colorful and Clearly Even in the Dark



Spotlight **ON**



Color Night Vision

Spotlight **OFF**



Infrared Night Vision

Image: A visual comparison demonstrating the clarity of 2K FHD Color Night Vision with the spotlight on, versus standard Infrared Night

4. Two-Way Audio

The built-in microphone with 3D noise reduction and speaker allow for clear two-way conversations.

- **Initiate Conversation:** Tap the microphone icon in the live view interface to speak through the camera's speaker.
- **Listen:** The camera's microphone captures audio from the surveillance area.



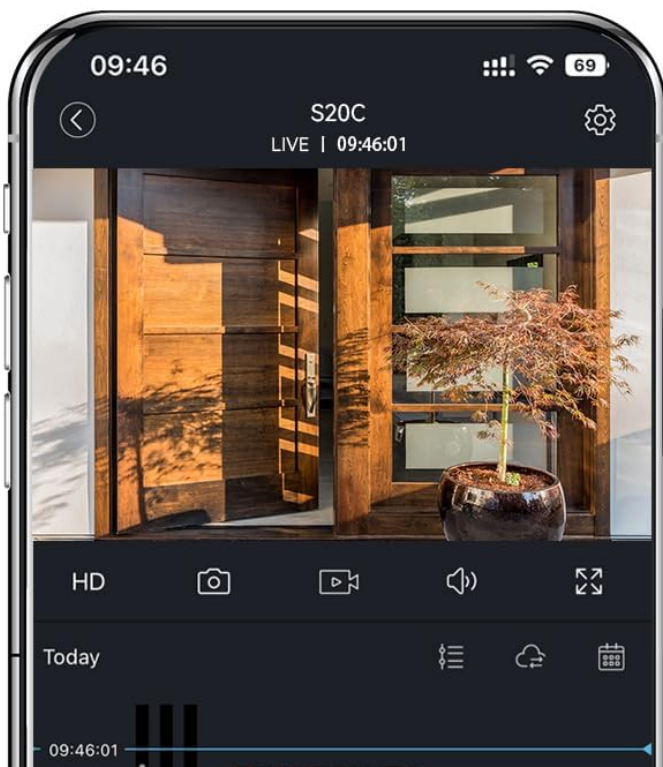
Image: An illustration of the two-way audio and multi-user sharing features, showing a family communicating through the camera.

5. Storage Options

The camera supports both local and cloud storage for your video recordings.

- **Micro SD Card:** Insert a micro SD card (up to 128GB, not included) into the designated slot for 24-hour loop event recording.
- **Cloud Storage:** Benefit from 24-hour loop cloud event recording. Refer to the blurams app for details on cloud service plans and data security.

UP TO
128GB
micro SD Card
(not included)



No Charge
Cloud Storage
for lifetime
[24-Hour Loop (12s)]

Image: The camera's support for up to 128GB micro SD card storage and lifetime cloud storage (24-hour loop) is depicted.

6. Voice Control

The blurams S20C camera is compatible with popular voice assistants.

- **Alexa & Google Assistant:** Connect your camera to your Amazon Alexa or Google Assistant devices to view live video streams using voice commands (e.g., "Alexa, show the front door").

MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and body with a soft, damp cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the blurams app periodically for firmware updates. Keeping your camera's firmware updated ensures optimal performance, new features, and enhanced security.
- **Weatherproofing:** The camera has an IP66 weatherproof rating, meaning it is protected against dust and powerful water jets. While designed for outdoor use, avoid directing high-pressure water streams directly at the camera. Ensure all cable connections are secure and protected from moisture.

IP66 Weatherproof

Never Miss a Moment, No Matter the Weather



120°F/50°C



-4°F/-20°C



Image: The IP66 weatherproof rating of the blurams camera is highlighted, indicating its resilience to rain and temperatures from -4°F to 120°F.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Weak Wi-Fi signal, incorrect Wi-Fi password, router issues.	Ensure camera is within Wi-Fi range. Verify Wi-Fi password. Restart your router and the camera. Ensure your Wi-Fi is 2.4GHz or 5GHz compatible.
Poor video quality	Low bandwidth, dirty lens, insufficient lighting.	Check your internet speed. Clean the camera lens. Ensure adequate lighting for optimal night vision.
Motion detection not working	Incorrect settings, environmental factors.	Adjust motion detection sensitivity in the app. Define activity zones to focus on specific areas. Ensure no obstructions are blocking the camera's view.
Two-way audio issues	Microphone/speaker muted, network latency.	Check microphone and speaker settings in the app. Ensure a stable network connection.

SPECIFICATIONS

Feature	Detail
Model Name	S20C
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	2K Ultra HD
Connectivity Technology	5GHz/2.4GHz Wi-Fi
Pan/Tilt Range	340° Horizontal, 90° Vertical
Night Vision	Color Night Vision (4 x 850nm IR LEDs)
Audio	Two-Way Audio with 3D Noise Reduction
Weatherproof Rating	IP66
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Compatible Devices	iOS 10+, Android 5+, Alexa, Google Assistant
Power Source	Corded Electric (12 Volts, 1 Watt)
Dimensions (L x W x H)	7.7 x 3.8 x 5.4 inches

Feature	Detail
Item Weight	15.8 ounces



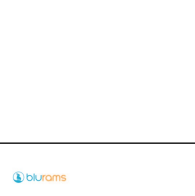

WARRANTY AND SUPPORT



For warranty information and technical support, please refer to the official blurams website or contact their customer service directly. Details regarding product registration, troubleshooting assistance, and warranty claims can typically be found on their support pages.

You can also find additional resources and FAQs on the [blurams Store on Amazon](#).

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Related Documents - S20C

	<p>Blurams Dome Lite 2-A31 User Manual and Setup Guide</p> <p>Comprehensive guide to setting up and using the Blurams Dome Lite 2-A31 indoor security camera, including package contents, hardware overview, app connection, web access, and important notes.</p>
	<p>Blurams A10C Smart Home Camera User Manual</p> <p>User manual for the Blurams A10C Smart Home Camera, covering package contents, camera components, installation, quick configuration, live view, parameter settings, FAQs, and FCC compliance.</p>
	<p>Blurams Dome Camera A31/A33/A31S User Manual</p> <p>User manual for the Blurams Dome Camera A31/A33/A31S, covering setup, installation, cloud services, AI features, and troubleshooting.</p>
	<p>Blurams Lumi Cam A31C User Manual</p> <p>User manual for the Blurams Lumi Cam A31C, detailing setup, features, cloud services, and troubleshooting.</p>

	<p>blurams Dome Lite 2-A31 Smart Home Security Camera User Manual</p> <p>Comprehensive guide for the blurams Dome Lite 2-A31 smart home security camera, covering packing contents, device identification, setup steps, app integration, web access, and important safety and compliance information.</p>
	<p>Blurams Home Pro A12S User Manual</p> <p>Comprehensive user manual for the Blurams Home Pro A12S security camera, covering setup, features, troubleshooting, and cloud services.</p>