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BEENOZO QW6-T

BEENOZO 4K Wireless Outdoor Security Camera User Manual

Model: QW6-T

1. INTRODUCTION

Thank you for choosing the BEENOZO 4K Wireless Outdoor Security Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance and security for your property. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

2.1 Key Features

- **4K (2560 x 1440) Full HD Resolution:** Provides sharp and clear 8MP images and videos.
- **8X Hybrid Zoom:** Combines optical and digital zoom for detailed viewing.
- **Dual Lens System:** Features both telephoto and wide-angle lenses for comprehensive coverage.
- **360° PTZ Coverage:** 355° horizontal pan and 90° vertical tilt for full area monitoring.
- **Solar Powered & 100% Wireless:** Equipped with a solar panel and 10000mAh rechargeable battery for continuous power.
- **Enhanced Night Vision:** Offers Infrared, Full-color, and Sound & Light Alarm night vision modes up to 65 feet.
- **PIR Human Motion Detection:** Advanced sensor detects human movement, reducing false alarms.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.
- **IP66 Weatherproof:** Designed to withstand rain, hail, storm, snow, and sun.
- **Dual 5dBi Antennas:** Ensures stable and strong 2.4GHz Wi-Fi connection. (5GHz Wi-Fi not supported)
- **Flexible Storage Options:** Supports Micro SD card up to 128GB (not included) and encrypted cloud storage.

2.2 Package Contents

Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- BEENOZO 4K Security Camera (Model: QW6-T)
- Solar Panel

- Mounting Bracket and Screws
- USB Charging Cable
- User Manual
- AAA Batteries (included for initial setup or specific components)

2.3 Product Diagram

Familiarize yourself with the camera's components:



Figure 2.3.1: BEENOZO 4K Security Camera with Solar Panel and Mobile App View.

This image displays the main components of the BEENOZO 4K Security Camera, including the camera unit with its dual lenses and LED lights, the attached solar panel for continuous charging, and a smartphone screen illustrating the camera's live view with 8X zoom capability.

INNOVATIVE DUAL LENS



Telephoto Lens



Wide Angle Lens

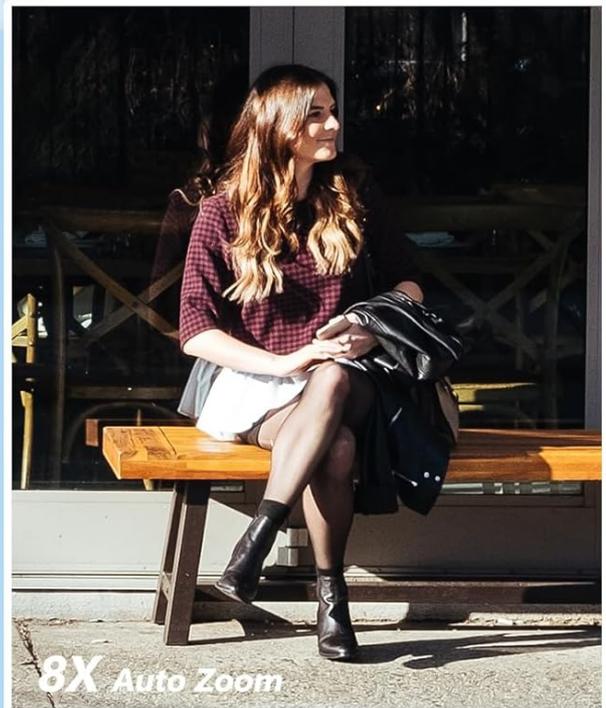
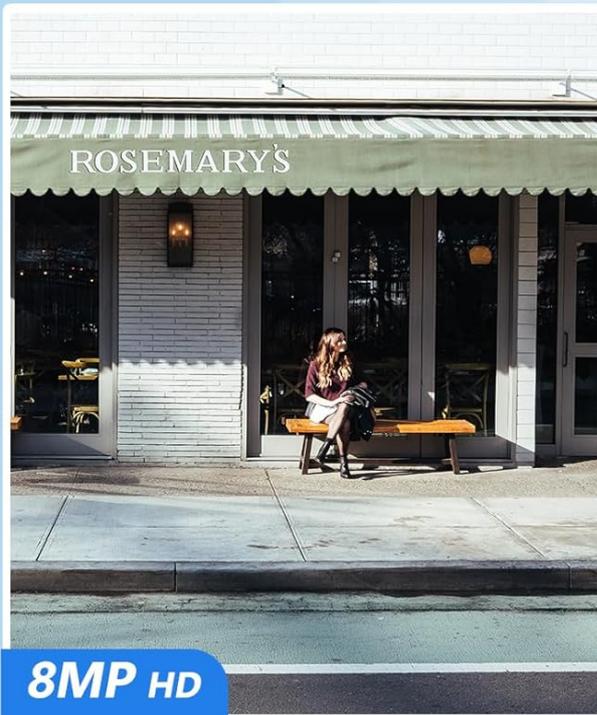


Figure 2.3.2: Innovative Dual Lens System.

This diagram highlights the camera's innovative dual-lens design, featuring a telephoto lens and a wide-angle lens. Examples show the 8MP HD wide view and the 8X auto zoom capability for detailed observation.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the camera's built-in battery using the provided USB cable. Connect the USB cable to the camera and a standard 5V/2A USB power adapter (not included). A full charge ensures optimal performance and battery life, especially before relying solely on solar power.

Solar-Powered 365 days Uninterrupted Security

Rechargeable Battery with Solar Panel/USB



2-3 months

other



6-9 months

BEENOZO

One Charge Last For 6-9 Months



Please fully charge for the first use
6-9 months is lab data 15-25 times motion-triggered per day

Figure 3.1.1: Solar-Powered Battery Life.

This image illustrates the extended battery life of the BEENOZO camera, showing that one charge can last for 6-9 months under typical usage (15-25 motion-triggered events per day), significantly longer than other cameras. It emphasizes the importance of fully charging the device initially.

3.2 App Installation

The BEENOZO camera operates with a dedicated mobile application. Follow these steps to download and install the app:

1. Scan the QR code provided on the product packaging or in the quick start guide to download the "O-KAM Pro" app. Alternatively, search for "O-KAM Pro" in your device's app store (App Store for iOS, Google Play Store for Android).
2. Install the app on your smartphone.
3. Open the app and register a new account or log in if you already have one.



MULTI-SCENE USE TO PROTECT YOUR HOME



Step 1: Scan the QR code with the camera to download the "O-KAM" App, Register or login account.



Step 2: Full charge and follow the steps to connect, Network configuration, pls be sure connect the 2.4GHZ WIFI.



Step 3: Add camera to your phone

Figure 3.2.1: Three-Step App Setup Process.

This image outlines the simple three-step process for setting up the camera with the mobile application: 1) Scan the QR code to download the "O-KAM Pro" app, register or log in; 2) Fully charge the camera and ensure your Wi-Fi is 2.4GHz; 3) Add the camera to your phone via the app.

For direct download, you can visit the official app download page: https://www.veepai.com/veecam_download.html

3.3 Wi-Fi Connection

The camera supports 2.4GHz Wi-Fi networks only. Ensure your router is broadcasting a 2.4GHz signal. 5GHz networks are not supported.

1. Ensure your smartphone is connected to your 2.4GHz Wi-Fi network.
2. In the "O-KAM Pro" app, tap "Add Device" or the "+" icon.
3. Follow the on-screen instructions to connect the camera to your Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera lens.
4. Once connected, the camera will indicate successful pairing (e.g., a voice prompt or LED indicator change).



Figure 3.3.1: Stable Wi-Fi Connection with Dual Antennas.

This image highlights the camera's dual 5dBi Wi-Fi antennas, designed to provide a more stable and stronger Wi-Fi connection for smoother live video streaming and clearer communication.

3.4 Mounting the Camera

Choose a suitable outdoor location for mounting. Consider the following:

- **Optimal Solar Exposure:** Position the solar panel in an area that receives direct sunlight for most of the day to ensure continuous charging.
- **Wi-Fi Signal Strength:** Ensure the chosen location has a strong 2.4GHz Wi-Fi signal.
- **Coverage Area:** Select a spot that provides the desired viewing angle and coverage for your surveillance needs.
- **Height:** Mount the camera at a height that provides a clear view and is difficult for unauthorized access.

Use the provided mounting bracket and screws to securely attach the camera to a wall or other stable surface. Adjust the camera and solar panel angles as needed.



Figure 3.4.1: Multi-Scene Installation Examples.

This image demonstrates various outdoor scenarios where the BEENOZO camera can be effectively installed, such as near a swimming pool, on a house wall overlooking a garden, or by a driveway, showcasing its versatility for protecting different areas of your home.

4. OPERATION

4.1 Live View and PTZ Control

Once the camera is connected, open the "O-KAM Pro" app to access the live video feed. You can control the camera's pan (horizontal) and tilt (vertical) movements directly from the app to view different areas. Use the pinch-to-zoom gesture on your screen to utilize the 8X hybrid zoom feature.

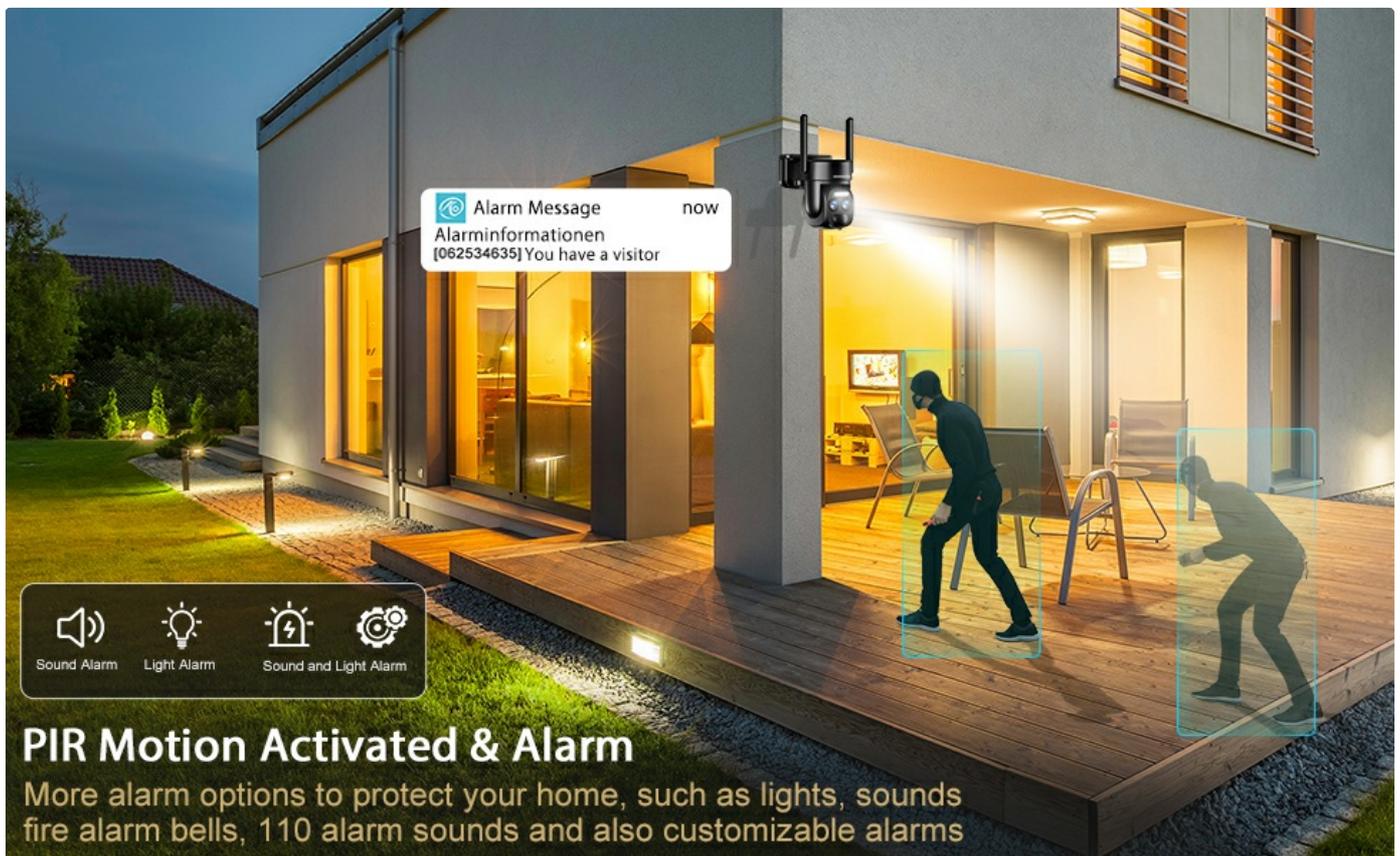


Figure 4.1.1: 8X Hybrid Zoom and 360° PTZ Control.

This image illustrates the camera's 8X hybrid zoom capability, allowing users to magnify details within the live view. It also shows the 355° pan and 90° tilt functionality, providing comprehensive 360° coverage of the surveillance area.

4.2 Night Vision Modes

The camera offers three night vision modes for clear visibility in low-light conditions:

- **Infrared Night Vision:** Standard black and white view using IR LEDs.
- **Full-Color Night Vision:** Utilizes built-in spotlights to provide color images in darkness.
- **Sound and Light Alarm Night Vision:** Activates spotlights and an audible siren upon detection for deterrence.

You can switch between these modes within the app settings based on your preference and security needs.

Night Vision Modes

Excellent image quality, better viewing experience.



Infrared night vision



Full-color night vision



Sound and light alarm
night vision

Figure 4.2.1: Available Night Vision Modes.

This image demonstrates the three distinct night vision modes: Infrared night vision (black and white), Full-color night vision (illuminated color), and Sound and light alarm night vision (activates light and sound upon detection), providing versatile options for nighttime surveillance.

4.3 Two-Way Audio

Use the two-way audio feature to communicate with visitors or deter intruders. Tap the microphone icon in the live view interface to speak through the camera's speaker. Release the icon to listen.

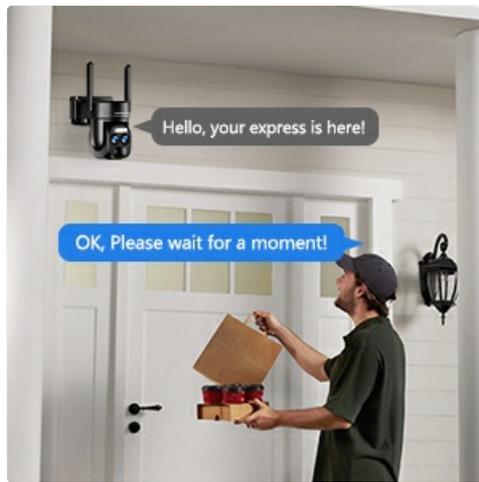


Figure 4.3.1: Two-Way Audio in Action.

This image depicts a scenario where the two-way audio feature is used, showing a delivery person at a door and speech bubbles indicating communication between the user and the person at the door.

4.4 Motion Detection and Alerts

The camera's PIR sensor detects human motion and sends real-time alerts to your phone. You can customize motion detection sensitivity, set activity zones, and configure alert actions (e.g., siren, projector light) within the app.

PIR HUMAN MOTION Detection

False Alarm Rate < 0.001%

APP Push

Instant Notification Alert

Cloud and TF Card Storage

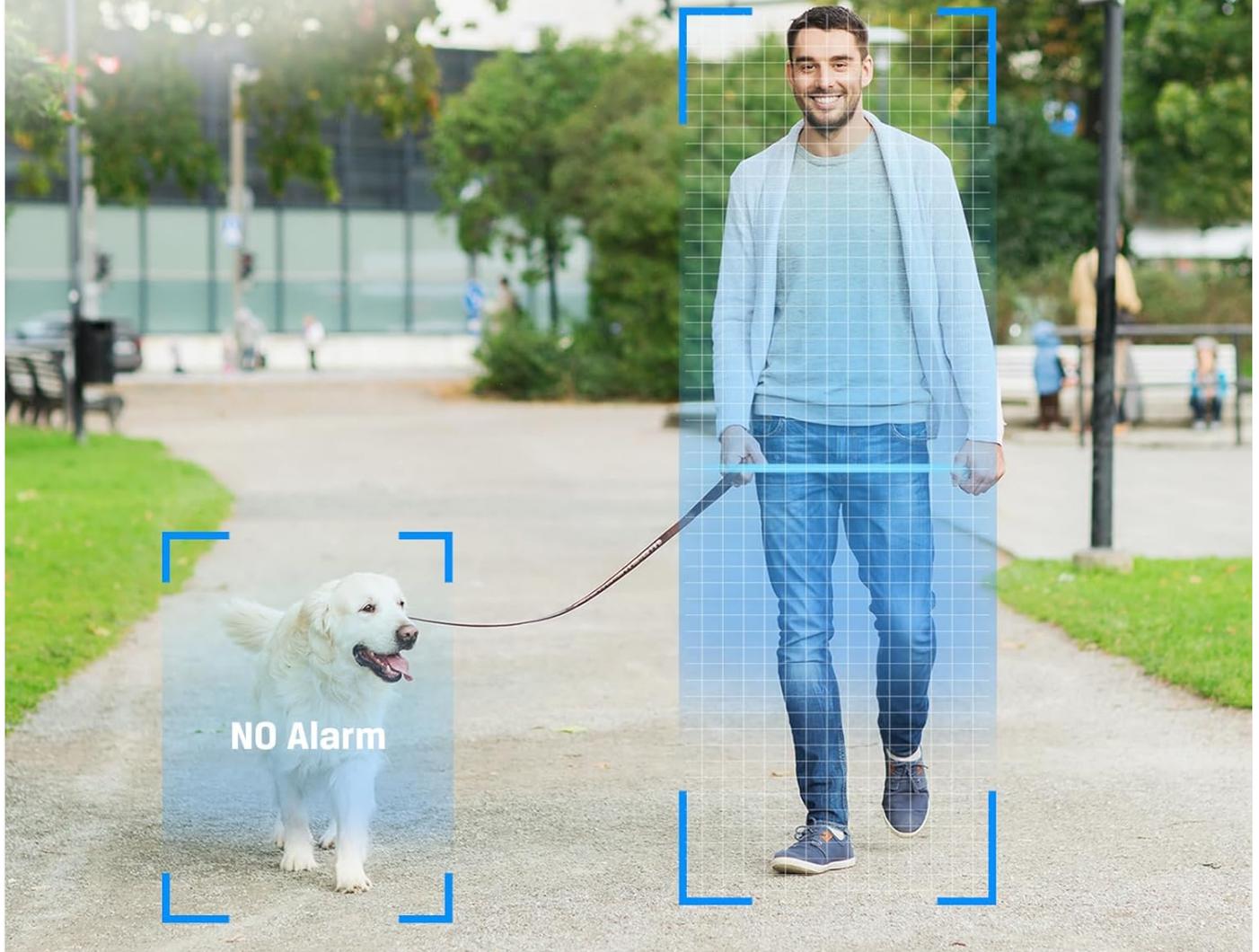


Figure 4.4.1: PIR Human Motion Detection.

This image illustrates the camera's PIR human motion detection capability, showing how it accurately identifies human figures while ignoring pets like dogs, thus reducing false alarms and ensuring relevant notifications.



Figure 4.4.2: PIR Motion Activated & Alarm.

This image demonstrates the camera's ability to activate alarms upon detecting motion, including sound alarms, light alarms, or a combination of both, to deter unwanted visitors and enhance home security.

4.5 Video Storage

The camera supports two storage methods for recorded events:

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the camera's designated slot for local storage.
- **Cloud Storage:** Subscribe to the optional cloud storage service via the app for encrypted and secure data backup.

You can review recorded footage directly from the app.

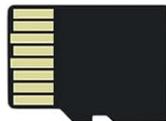
Optional Cloud & Local Storage



2.4G WiFi



5G is not supported



support up to 256G SD Card
(Not included)

Figure 4.5.1: Cloud and Local Storage Options.

This image illustrates the flexible storage options available for the camera, including support for 2.4GHz Wi-Fi (5G not supported), playback of recorded events on a smartphone, and the ability to store footage on a Micro SD card (up to 128GB) or via cloud service.

5. MAINTENANCE

5.1 Battery Management

The camera is designed for long-lasting battery performance with its solar panel. However, in periods of prolonged low sunlight or high activity, the battery level may drop. Monitor the battery status in the app and recharge via USB if necessary.

5.2 Cleaning

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure clear image quality and efficient solar charging. Do not use harsh chemicals or abrasive materials.

5.3 Firmware Updates

Periodically check the "O-KAM Pro" app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, new features, and security enhancements.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Weak Wi-Fi signal; Incorrect Wi-Fi password; Router is 5GHz only; Camera too far from router.	Ensure 2.4GHz Wi-Fi. Move camera closer to router. Check Wi-Fi password. Restart camera and router.
Poor image quality	Dirty lens; Insufficient lighting; Network bandwidth issues.	Clean the lens. Ensure adequate lighting or switch night vision modes. Check internet speed.
Frequent false alarms	PIR sensitivity too high; Objects like trees or flags in detection zone; Pets.	Adjust PIR sensitivity in app. Set activity zones to exclude irrelevant areas.
Battery drains quickly	Insufficient sunlight for solar panel; Too many motion events; Frequent live view access.	Relocate solar panel for more sun. Reduce motion detection frequency/sensitivity. Limit live view time. Fully charge via USB.
No recording to SD card	SD card full or faulty; SD card not inserted correctly; Recording settings incorrect.	Format or replace SD card. Reinsert SD card. Check recording settings in app.

7. SPECIFICATIONS

Feature	Detail
Model Number	QW6-T
Resolution	4K (2560 x 1440), 8MP
Zoom	8X Hybrid Zoom
Pan/Tilt Range	Pan 355°, Tilt 90°
Power Source	Solar Powered, 10000mAh Rechargeable Battery
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n), Dual 5dBi Antennas
Night Vision	Infrared, Full-Color, Sound & Light Alarm (up to 65 feet)
Motion Detection	PIR Human Motion Detection
Audio	Two-Way Audio
Storage	Micro SD Card (up to 128GB), Cloud Storage
Weather Resistance	IP66 Waterproof
Dimensions (L x W x H)	19.7 x 14.2 x 14.1 cm

Feature	Detail
Weight	850 g
Material	Acrylonitrile Butadiene Styrene (ABS)

8. WARRANTY AND SUPPORT

BEENOZO provides a standard warranty for this product. Please refer to the warranty card included in your package or visit the official BEENOZO website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or any inquiries regarding your BEENOZO camera, please contact our customer service team:

- **Email:** support@beenzo.com
- **Website:** www.beenzo.com

Please have your model number (QW6-T) and purchase information ready when contacting support.



Figure 8.1.1: BEENOZO Customer Support.

This image represents the BEENOZO brand's commitment to customer service, indicating support availability for inquiries and assistance.



 <p>The cover of the Nocturn Industries T.A.P.B. 'Daisho' Operators Manual features the company logo at the top left, the title 'T.A.P.B. "Daisho" Operators Manual' in the center, and a photograph of the articulated bridge vehicle below. At the bottom, it lists 'Nocturn Industries LLC' and the email 'info@nocturnindustries.com'.</p>	<p>Nocturn Industries T.A.P.B. 'Daisho' Operators Manual - Night Vision Bridge</p> <p>Official operator's manual for the Nocturn Industries T.A.P.B. 'Daisho' Tanto Articulating Powered Bridge. Covers product overview, components, assembly instructions, troubleshooting, safety warnings, and legal information.</p>
 <p>The cover of the Manshur UB6 4G LTE Cellular Security Camera Quick Start Guide and Product Information features the Manshur logo at the top left, a photograph of the camera unit, and the email 'support@manshur.com' at the bottom.</p>	<p>Manshur UB6 4G LTE Cellular Security Camera Quick Start Guide and Product Information</p> <p>Comprehensive guide for the Manshur UB6 4G LTE Cellular Security Camera, covering setup, features, FAQs, warranty, and FCC compliance. Learn about installation, app usage, and troubleshooting.</p>
 <p>The cover of the UltraSecure Reolink 4K PoE camera manual features the 'UltraSecure' logo at the top, a photograph of the camera, and the text 'CAMERA 4K POE & DC 12V - DETECTION INTELLIGENTE / VISION NOCTURNE 30M / BOUTE DE JONCTION B10 (INCLUSE)' and 'Modèle : RRE-8105E'.</p>	<p>Caméra de Sécurité Reolink 4K PoE avec Détection Intelligente et Vision Nocturne</p> <p>Discover the Reolink 4K PoE & DC 12V security camera with intelligent detection for people, vehicles, and animals. Features 30m night vision, IP66 weather resistance, and includes a B10 junction box for seamless installation. Offers 8MP resolution, time-lapse mode, and remote access via a user-friendly smartphone app. Ideal for comprehensive home and business surveillance.</p>
 <p>The cover of the Rraycom QW6 Wireless Security Camera User Manual is dark with the text 'Rraycom User Manual (QW6)' in white.</p>	<p>Rraycom QW6 Wireless Security Camera User Manual</p> <p>A comprehensive user manual for the Rraycom QW6 wireless security camera. This guide covers initial setup, app installation and registration, adding the camera, Wi-Fi configuration, and detailed explanations of app features like multi-device view, firmware updates, device sharing, rotation control, cruise and guard positions, and AI functions such as humanoid tracking and framing. Includes customer service information and a packing list.</p>
 <p>The cover of the Pollo Apex 360° PLC-HS303-T 3MP Smart Wi-Fi Camera Datasheet features the Pollo logo at the top left, a photograph of the camera, and the text 'Apex 360° 3MP Smart Wi-Fi Camera PLC-HS303-T'.</p>	<p>Pollo Apex 360° PLC-HS303-T 3MP Smart Wi-Fi Camera Datasheet</p> <p>Detailed technical specifications for the Pollo Apex 360° PLC-HS303-T 3MP Smart Wi-Fi Camera, including features, dimensions, connectivity, and performance metrics.</p>
 <p>The cover of the Energizer Smart Camera Advanced Features Guide features the Energizer logo at the top left, a photograph of the camera with a character, and the text 'ADVANCED CAMERA FEATURES' and 'EOP1-1003 v1.1 0525'.</p>	<p>Energizer Smart Camera Advanced Features Guide</p> <p>Learn how to use the advanced features of your Energizer Smart 5GHz WiFi 1000 Lumens Light Bulb P/T Security Camera, including night vision, multi-white LED light control, motion detection and tracking, two-way audio, site saving, preset points, patrol mode, and smart scenes using the Energizer Connect App.</p>