

REOLINK Reolink Altas PT Ultra+Solar Panel 2

REOLINK Altas PT Ultra 4K Solar Security Camera Instruction Manual

MODEL: REOLINK ALTAS PT ULTRA+SOLAR PANEL 2

PRODUCT OVERVIEW

The REOLINK Altas PT Ultra is an advanced 4K solar-powered wireless security camera designed for outdoor use. It features long-lasting battery life, high-resolution color night vision, intelligent detection with auto-tracking, and robust Wi-Fi 6 connectivity for comprehensive home security.

WHAT'S INCLUDED

- Altas PT Ultra Camera x1
- 6W Solar Panel x1
- Mounting Bracket and Screws
- USB-C Charging Cable
- Mounting Template
- Quick Start Guide

SETUP GUIDE

1. Mounting the Camera and Solar Panel

Choose a location with ample direct sunlight for the solar panel to ensure optimal charging. The camera can be mounted on a wall or pole using the provided hardware.



Image: REOLINK Atlas PT Ultra camera and solar panel mounted on a wall.

Use the provided mounting template to mark drill holes. Secure the mounting bracket firmly to the desired surface. Attach the camera to the bracket. Ensure the solar panel is positioned to receive at least 5 hours of direct sunlight daily for optimal performance, especially for pre-recording features.

6W Solar Panel

5 Hours of Daily Sunlight for
Full Use of Pre-recording Function.



Note: According to laboratory data recorded in direct sunlight, actual charging time may vary depending on installation location and lighting conditions.

Image: Close-up of REOLINK Atlas PT Ultra camera mounted on a wall.

Smart AI Detection

Can Detect the Difference Between:



Humans



vehicle



Animals

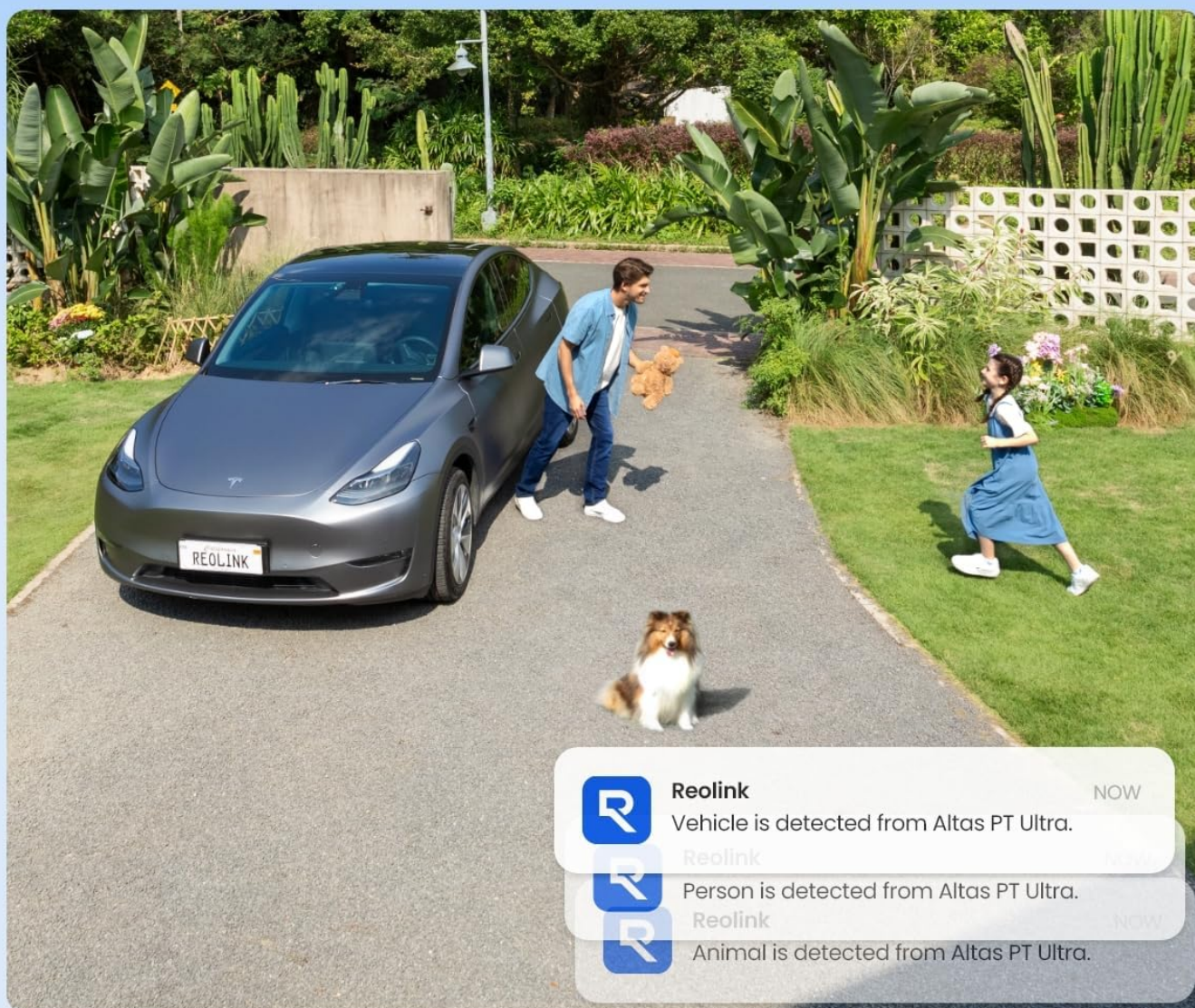


Image: REOLINK Altas PT Ultra solar panel mounted on a wall.

2. Initial Power-Up and App Connection

Connect the solar panel to the camera. The camera will power on and prompt you to connect to the Reolink app.

Download the Reolink app from your device's app store.

Follow the in-app instructions to scan the QR code on the camera and complete the setup process. This typically takes less than 5 minutes.

3. Wi-Fi Setup

The camera supports dual-band 2.4/5GHz Wi-Fi 6. Connect the camera to your home Wi-Fi network through the app. For optimal performance, ensure the camera is within good range of your Wi-Fi router.



Image: REOLINK Atlas PT Ultra Wi-Fi 6 connectivity features.

1. 4K Video and ColorX Night Vision

The camera records in stunning 4K (3840x2160) resolution, providing clear and detailed footage. With F1.0 aperture and 1/1.8" sensor, ColorX Night Vision delivers full-color video even in low-light conditions without needing spotlights or infrared, making night scenes appear as clear as day.

Large Battery Capacity for
Long-Lasting Use

500-Day Life in Motion Detection Mode.



Working Mode	PIR-Triggered recording	Pre-recording/continuous recording
Battery Lasting	500days	4 days

Image: REOLINK Altas PT Ultra 4K ColorX Night Vision demonstration.

2. Pan, Tilt, AI Detection & Auto Tracking

The camera offers 355° pan and 90° tilt capabilities, providing full 360° coverage. Its advanced AI detection can accurately identify people, vehicles, and animals, reducing false alarms. The auto-tracking feature allows the camera to automatically follow detected subjects within its field of view.

4K ColorX Night Vision

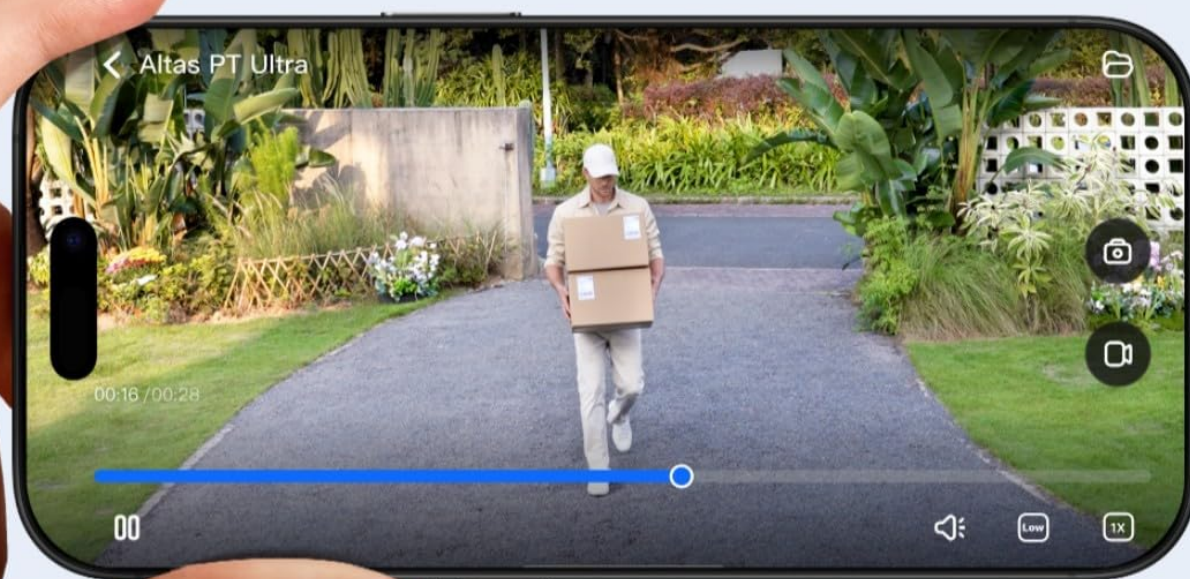
Record Vivid Colors at Night. No Bright Lights Needed.



Image: REOLINK Altas PT Ultra Smart AI Detection for people, vehicles, and animals.

Pre-record 10s in Advance

Never Miss a Moment



*Note: To enable the pre-recording feature, please keep the solar panel in direct sunlight for more than 2 hours every day.

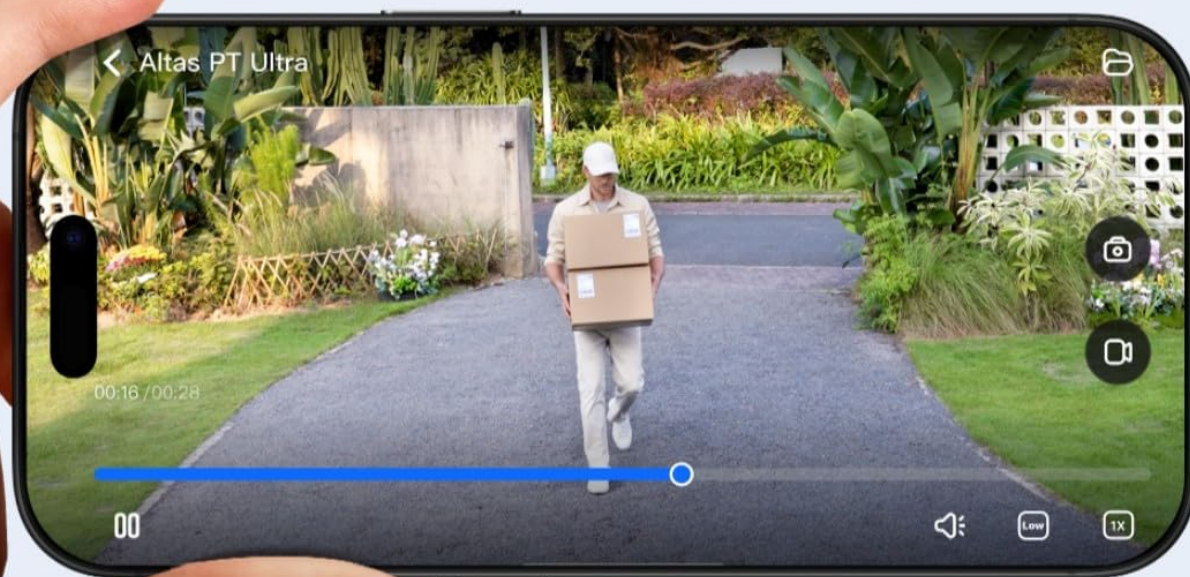
Image: REOLINK Altas PT Ultra 355-degree pan and 90-degree tilt coverage.

3. Continuous Recording and Pre-recording

The camera supports continuous recording when paired with a Home Hub/Pro. It also features a unique 10-second pre-recording function, capturing events before motion is fully detected, ensuring you don't miss critical moments.

Pre-record 10s in Advance

Never Miss a Moment



*Note: To enable the pre-recording feature, please keep the solar panel in direct sunlight for more than 2 hours every day.

Image: REOLINK Altas PT Ultra 10-second pre-record feature.

4. App Usage and Settings

The Reolink app provides full control over the camera. You can view live feeds, access recorded footage, adjust detection settings, set up notifications (push, email), and manage storage options. The app allows for easy pan/tilt control and playback of recorded events.

5. Storage Options

The camera supports local storage via a microSD card (up to 512GB, not included). For larger storage needs and

continuous recording, it can be paired with a Reolink Home Hub or Home Hub Pro (up to 16TB, not included), which also supports RTSP/NAS without monthly fees.

355° Pan & 90° Tilt Full 360° Coverage

No Blind Spots. No Missed Moments.



Image: REOLINK Altas PT Ultra local storage options with microSD card and Home Hub.

MAINTENANCE

Battery Life and Solar Charging

The camera features a high-capacity battery providing up to 500 days of operation in standard motion detection mode. For continuous recording or frequent use of pre-recording, ensure the solar panel receives at least 5 hours of direct sunlight daily. In colder climates (below 0°C/32°F) or during prolonged cloudy periods, battery performance may decrease, requiring manual charging via the USB-C port.

Local Storage Options

No Monthly Fees



up to
512GB



up to
16TB

Supports RTSP/NAS when used with Home Hub series.

Home Hub, Home Hub Pro, and microSD card not included

Image: REOLINK Atlas PT Ultra battery life in different recording modes.

Weather Resistance

The camera is designed for outdoor use with an IP65 water-repellent rating, ensuring durability against various weather conditions like rain and dust. Regular cleaning of the lens and solar panel is recommended to maintain optimal performance.

MicroSD Card Management

Periodically check the storage status of your microSD card via the app. Format the card as needed to ensure smooth recording and prevent data corruption. If using a Home Hub, manage recordings through its interface.

TROUBLESHOOTING

1. Insufficient Solar Charging for Continuous Recording

If the battery depletes quickly during continuous recording, especially in low sunlight conditions, consider relocating the solar panel to an area with more direct sun exposure. Some users have found that a 12W solar panel (not included) provides quicker recovery than the standard 6W panel, particularly for 24/7 recording.

2. Motion Detection Issues

If the camera fails to detect motion at the edge of the frame or misses specific animals, adjust the object size and tracking range settings in the app. Ensure the camera's home and preset pan locations are calibrated correctly, as occasional recalibration may be needed to maintain optimal coverage.

3. Wi-Fi Connectivity Problems

For signal loss or poor connection, ensure the camera is within optimal range of your Wi-Fi router. Consider using a Wi-Fi extender or relocating the camera closer to the router. The camera's Wi-Fi 6 technology generally provides stable connections even at distances.

4. Pan/Tilt Calibration Issues

If the camera's vertical axis loses calibration and creeps up or down, perform a manual calibration through the Reolink app to reset its position.

SPECIFICATIONS

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi
Video Capture Resolution	4K (3840x2160)
Night Vision	4K ColorX Night Vision (F1.0 aperture, 1/1.8" sensor)
Pan & Tilt	355° Pan, 90° Tilt

AI Detection	People, Vehicles, Animals
Auto Tracking	Yes
Wi-Fi Standard	Dual-Band 2.4/5GHz Wi-Fi 6
Battery Capacity	20000 mAh (up to 500 days in standard mode)
Local Storage	Up to 512GB microSD card (not included)
Home Hub/Pro Compatibility	Yes (up to 16TB, no monthly fees for RTSP/NAS)
Weather Resistance	IP65 Water Repellent
Dimensions	5.94 x 7.01 x 4.02 inches
Item Weight	5.02 pounds

WARRANTY AND SUPPORT

REOLINK products typically come with a standard manufacturer's warranty. For specific warranty details, product support, or technical assistance, please visit the official REOLINK website or contact their customer service directly. You can also find additional support resources and FAQs on their Amazon store page. For more information, visit the [REOLINK Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

