

Reolink Altas PT Ultra

Industry-leading 4K Continuous Recording Battery Camera

Review Guideline





Introducing Reolink

Reolink, a global innovator in the smart home field, is always dedicated to delivering the easiest and most reliable security solutions for home and business. Reolink's mission is to make security a seamless experience for customers with its groundbreaking, user-centric security products. With relentless dedication, Reolink has evolved into a trailblazer in the security industry, bringing to market its advanced features such as ColorX technology, and providing video surveillance and a scene of protection for millions of homes, families, and stores worldwide.

User-Centric Innovation Means Addressing Users' Pain Points

Average battery camera pains points

Miss Key Moments

Black & white night vision

Short battery life

Blindspots & Limited FoV

Reolink Altas PT Ultra offers

[4K UHD with pre-recording feature](#)

[ColorX technology for day&night color vision](#)

[500 days battery life](#)

[All-round security with auto-tracking](#)

And [Reolink Altas PT Ultra](#) Brings Even More

Core Feature 1 **Pre-Recording**



- Never Miss a Moment of Key Events
- 10s Pre-recorded Footage Before Something Happens

Video Pre-record Option, First Available in Home Battery Camera

With a next-gen SoC built in, Reolink Altas PT Ultra goes beyond traditional standards and capture the moments even before an event actually happens. This adds another layer of security as users will never miss a truly important moment.

Say Goodbye to PIR-Triggered Delays

When pre-record is enabled, the Altas PT Ultra camera enters a standby & decoding mode. Once its PIR motion sensor is triggered, the camera starts recording while the cached pre-record video footage will be written into the footage. An innovative way to ensure the whole event is recorded and solve the issue brought by PIR-triggered delays.

Core Feature 2 **4K UHD ColorX Night Vision**



- Large-scale(F=1.0) Lens
- Advanced Image Sensor(1/1.8")

4K Ultra High Definition

Reolink Altas PT Ultra stands out offering crystal-clear true 4K 8MP image and a battery life of up to 500 days* under standard working mode, with its pixel-dense 4mm lens and an ultra-large 20,000mAh battery - twice the capacity of similar products in the industry.

Day & Night Color Night Vision in Low Light Condition

Reolink's industry-leading ColorX technology brings nighttime scenes to life, surpassing other types of night vision.

Featuring a reliable combination of ultra-large F1.0 aperture lens and an 1/1.8" sensor, Reolink Altas PT Ultra captures 4 times more light than normal IR cameras, revealing sharp details even in the dimmest nights without the need to turn up the spotlights or IR lights.

*Under standard working mode-with 300s of recording per day, a single charge can power the camera for up to 500 days.

Core Feature 3 **All-around Security Plus Auto-tracking**



 All-around
Blindspot-free View

 Smart Detection &
Auto-tracking

 Up to 64 Guard
Points

All-around Security with Smart Detection; No Monthly Fees

Reolink Altas PT Ultra boasts unparalleled control with 355° horizontal and 90° vertical rotation, delivering a blindspot-free view for comprehensive monitoring.

This camera supports on-board person, vehicle and animal detection, allowing users to get notified only by motion events that they truly care about. Even better, this feature does not require a monthly subscription.

Users can also set up guard points and enable auto-tracking features, thus ensuring constant awareness of activities around the property.

Feature 4

All Recordings Stored Locally & Securely

Reolink Altas PT Ultra offers multiple local storage options with no monthly fee. It is compatible with microSD cards up to 512GB and the Reolink Home Hub and its Pro version, which supports up to 16TB and adds RTSP support.

This range of local storage approaches enhances security, minimizing the risk of data loss and safeguarding privacy. Besides, by utilizing the H.265 coding format, the camera records high-quality 4K footage while reducing file sizes, allowing more recordings to be stored without sacrificing clarity.

micro
SD card
up to 512GB

FTP Upload

Reolink
Home Hub

Reolink
Home Hub
Pro



Feature 5

Real-time Monitoring, Instant Access



Reolink Altas PT Ultra ensures comprehensive security with real-time monitoring and instant access. It provides multiple notifications via push alerts and email, keeping users informed of any activity. The live feed can be viewed anytime and anywhere, with only a few taps or clicks on Reolink App or Client.



Instant Alerts

Receive instant notifications once the security camera has detected something suspicious.

Two Way Audio

You can just tap to respond instantly through the built-in microphone and speaker.

Smart Playback

Filter the saved videos by event type and timeline to quickly find the clip you want.

Schedule

Schedule and choose when you want to receive alerts when person, vehicle or motion is detected.

Sensitivity

Adjust motion sensitivity, making the camera smarter and getting yourself out of false alerts.

Real-time Monitoring

Monitor and watch live streaming of your home or business from anywhere at anytime.

Deterrence Spotlight

The robust motion spotlights and siren provide effective deterrence against intruders.

Feature 6

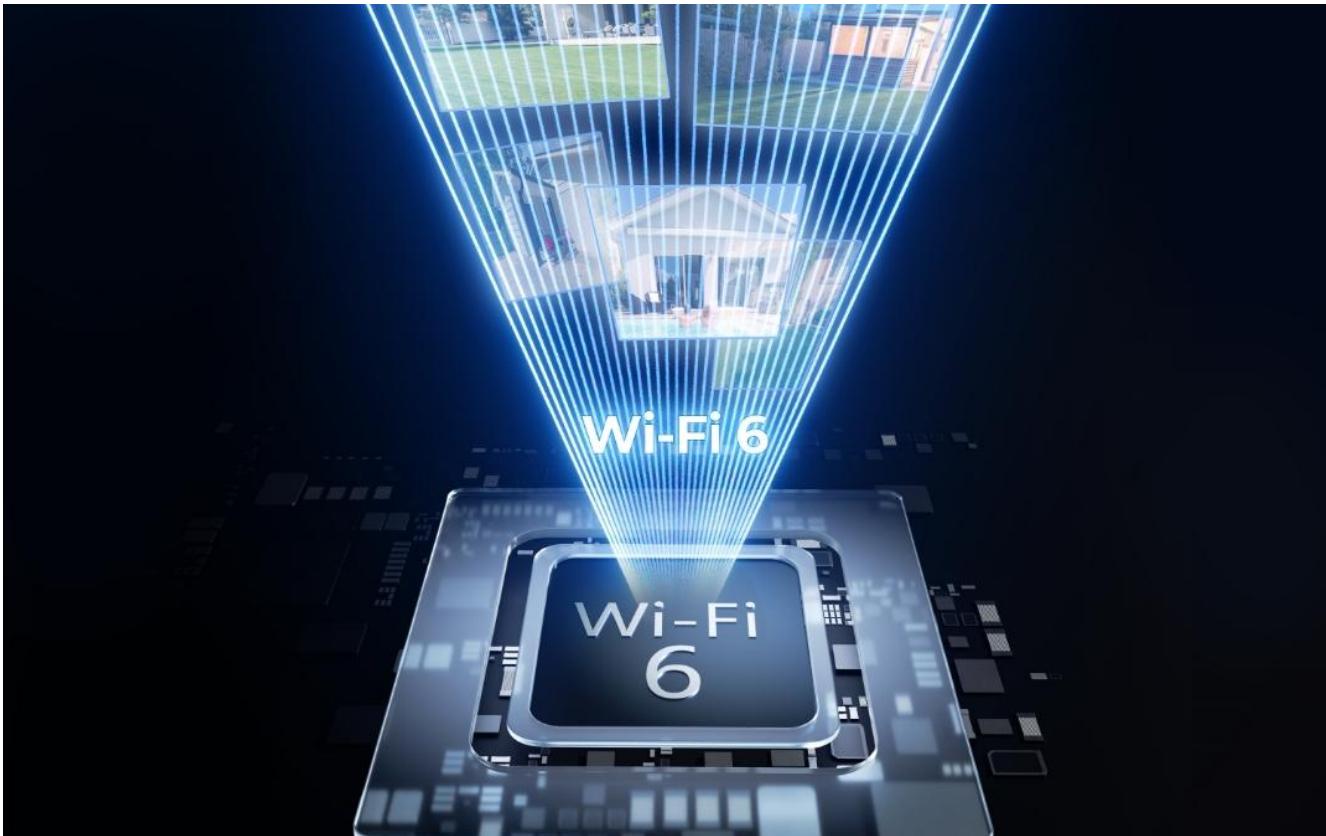
Easy Installation & Setup Everywhere



Install the battery/solar powered WiFi camera anywhere, indoors or outdoors, with a wire-free and worry-free setup and an all-around protection for your peace of mind.

Equipped with versatile mounting brackets, it supports both wall and ceiling installation, adapting seamlessly to any outdoor setting. The weatherproof camera is built from the ground up to be a workhorse in even the harshest conditions.

- [IP65 Weatherproof Rated](#)
- [Bluetooth Camera Configuration](#)
- [3 Installation Styles](#)
- [Bracket for Wall/Ceiling Installation](#)



Equipped with dual-band Wi-Fi 6 technology, the Altas PT Ultra establishes a new benchmark in wireless connectivity for seamless 4K streaming, improved stability and lower latency.

Users don't need to spend minutes on buffering video footage. One tap on Reolink mobile app for instant and fluent live view and video playback experience.

- [2.4/5 GHz Wi-Fi 6 Supported](#)
- [Smooth 4K Streaming](#)
- [Low Latency](#)
- [Higher Stability](#)



Reolink Solar Panel

All-Day Operation in Just 10 Minutes of Charging

Reolink's 6-watt solar panel ensures your Reolink Altas PT Ultra stays charged with minimal sunlight. Just 10 minutes of solar panel charging can power the camera for 24 hours* while one day of charging extends the battery life further to 160 days*.

Reolink Home Hub Series

Expanded Storage Capacity & Extended Operation

With the Reolink Home Hub, users enjoy extended storage capacity up to 1TB and the Home Hub supports camera running for up to 13 months.

Upgrade to the Reolink Home Hub Pro for expanded storage of up to 16TB, ensuring operations can be sustained for up to 19 months.

*All based on the camera standard working mode.

Reolink Altas PT Ultra (B660) Specifications

Video & Audio

Image Sensor	1/1.8"CMOS sensor
Resolution	3840x2160 (8 megapixels) @15fps
Video Compression	H.264/H.265
Field of View	Vertical: 50°; Horizontal: 90°; Diagonal: 110°
Color Night Vision	Yes
Frame Rate	Main/Sub stream: 10fps - 15fps
Recording	Recording Modes: Continuous recording; motion-triggered recording; pre-recording
Audio	Built-in Microphone and Speaker

Power

Battery	3.6V 20000 mAh rechargeable battery (Battery life varies based on settings, usage & temperature)
Solar	Reolink Solar Panel 2 (6W)

Wi-Fi

Wireless Standard	Standard IEEE 802.11 a/b/g/n/ac/ax
Operating Frequency	2.4GHz/5GHz
Wireless Security	WPA/WPA2/WPA3

Software

OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Protocols & Standards	SSL, TCP/IP, UDP, UPNP, SMTP, NTP, P2P
User Access	Max. 12 simultaneous streams (2 main & 10 sub streams)

Special Feature

Pre-record	Pre-record in 10s, 5fps by default, 10fps adjustable
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Other Feature(s)

Smart Alarm	PIR detection; motion detection; person detection; vehicle detection; animal detection
PIR Detecting Distance	Adjustable, up to 10m (33ft)
PIR Detecting Angle	100° horizontal
Time Lapse	Yes
Home Hub Compatibility	Yes
Smart Home Compatibility	Google Assistant



Thank you!