Reolink Solar Floodlight Cam

Review Guideline

Reolink

Reolink Solar Floodlight Cam

Security that runs on sunlight and intelligence.

The Solar Floodlight Cam combines a 3W solar panel, 2K camera, and an adjustable floodlight into one seamless device – designed for effortless, self-sufficient protection. With just one hour of sunlight, it powers a full day of use; in low-light conditions, the internal battery provides up to three months of standby power.

With a 150° wide field of view and 2K Ultra HD resolution, it captures every corner in clear detail. Its built-in AI recognizes people, vehicles, and animals – then triggers your personalized light response automatically. The adaptive floodlight reaches 1000 lumens, with adjustable color temperature from 3000K–6000K, blending performance with control.

A true all-in-one security solution – smart, sustainable, and always on.

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What's In The Box

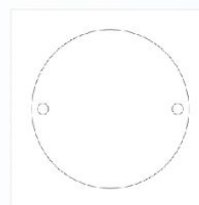Bracket

USB Cable

Iron Sheet for Strapping

Solar Floodlight Cam

Mounting Hole Template

Strap

Screw Pack

Quick Start Guide

Reolink Solar Floodlight Cam

Video & Audio

Image Sensor	1/3" CMOS Sensors
Resolution	2560 x 1440(4MP)@15fps
Lens	f=2.2mm fixed F=2.2
Video Compression	H.264/H.265
Field of View	H:124.5º,V:69.6º,D:150.5º
Infrared Night Vision	Up to 30 meters (100ft); LED: 4pcs/850nm (Auto-switching with IR-cut filter)
Color Night Vision	With Floodlights: 1000 Lumens
Color Temperature	3000K~6000K
Lumen	Up to 1000 Lumens, Adjustable
Audio	Two-way audio

Power

Battery Capacity	7800mAh
Battery Life	3 months
Solar Pannel	3W

Interface

Power Port	Type-C
SD Card Slot	✓ Supports Max. 512GB microSD card
Reset Button	✓
Audio In/Out	Built-in microphone and speaker

Wi-Fi

Wireless Standard	IEEE 802.11 ac/a/b/g/n/ax
Operating Frequency	2.4Ghz/5Ghz Wi-Fi 6
Wireless Security	WPA/WPA2/WPA3

Bluetooth

Standard	BTDM5.4

Software

Supported OS	PC: Windows, Mac OS; Smartphone: iOS, Android
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, HTTP, IPv4, UPnP, RTSP, RTMP, ONVIF, SMTP, NTP, DHCP, DNS, DDNS, FTP, P2P
User Access	Max. 20 users (1 admin & 19 user); Max. 12 simultaneous streams (2 main & 10 sub streams)

Feature Highlights

Pre-recording	×
Smart Alarm	✓
PIR Detection Range	10m、150º
Recording Modes	Motion-triggered recording
Time Lapse	✓
Smart Home Compatibility	✓
Home Hub Compatibility	✓
Cloud Storage	✓

Working Environment

Operating Temperature	-20ºC~+55ºC (-4ºF~131ºF)
Operating Humidity	10% ~ 90%
Weatherproof Rating	IP66

Mechanical

Dimensions	101.5x264x161.2mm
Weight	721g

Warranty

Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/.

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All-in-One Solar-Powered Independence

Reliable 24/7 Protection

Camera, floodlight, and solar panel – built as one.

One hour of sunlight equals one day of continuous operation. Even in cloudy weather, the built-in battery will last up to three months.

No cables, no recharging – just pure solar autonomy.

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2K Ultra Clarity, 150° Wide Vision
See more, worry less.

With 2K clarity and a 150° ultra-wide field of view, nothing escapes your sight. From garden gates to garage doors, capture every detail in vivid precision.

Security has never looked this sharp.

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Dual Lighting Modes for Every Moment
Two modes, infinite flexibility.

Switch seamlessly between Floodlight Mode and Light Alert Mode:

Floodlight Mode: Enhanced illumination for visibility and comfort.

Light Alert Mode: Intelligent flashing or steady lighting triggered by AI detection.

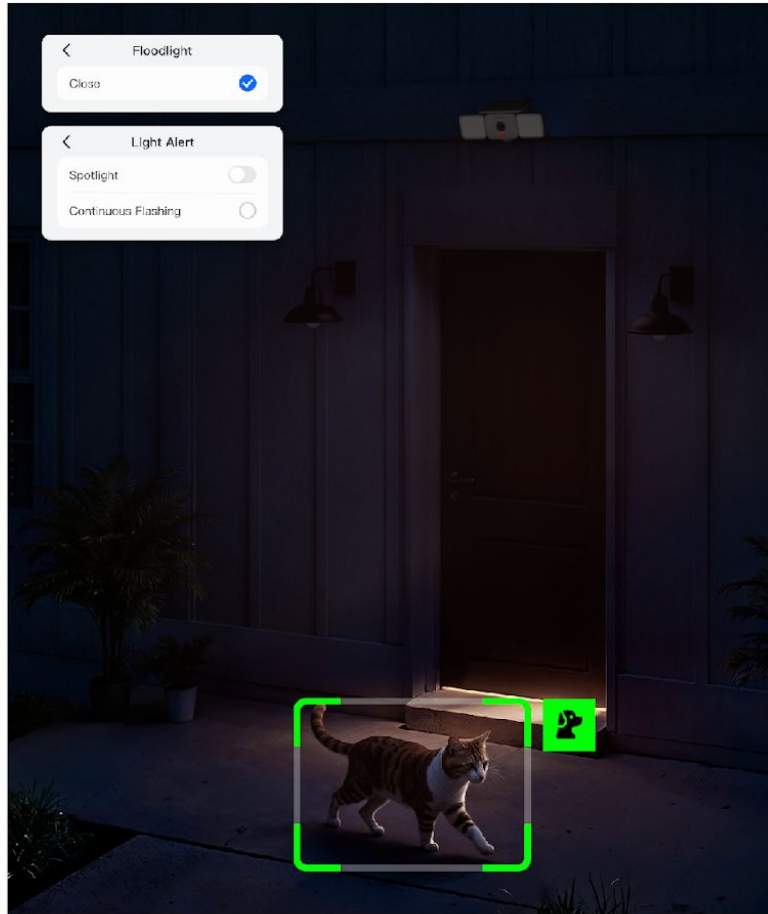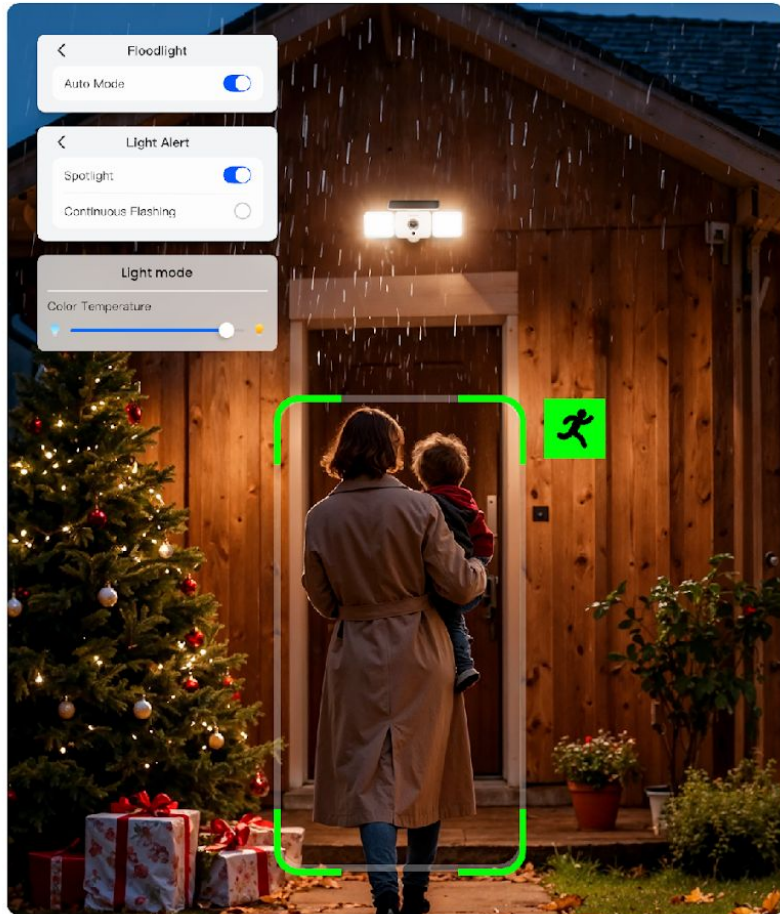Adjust brightness, warmth, and duration – light your space your way.
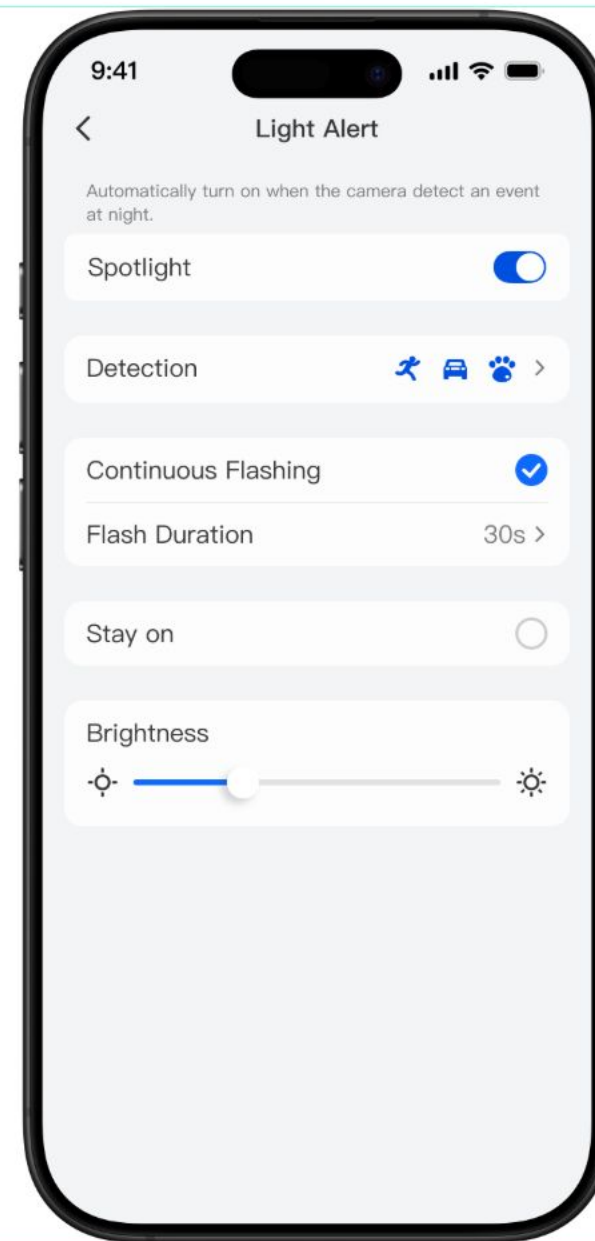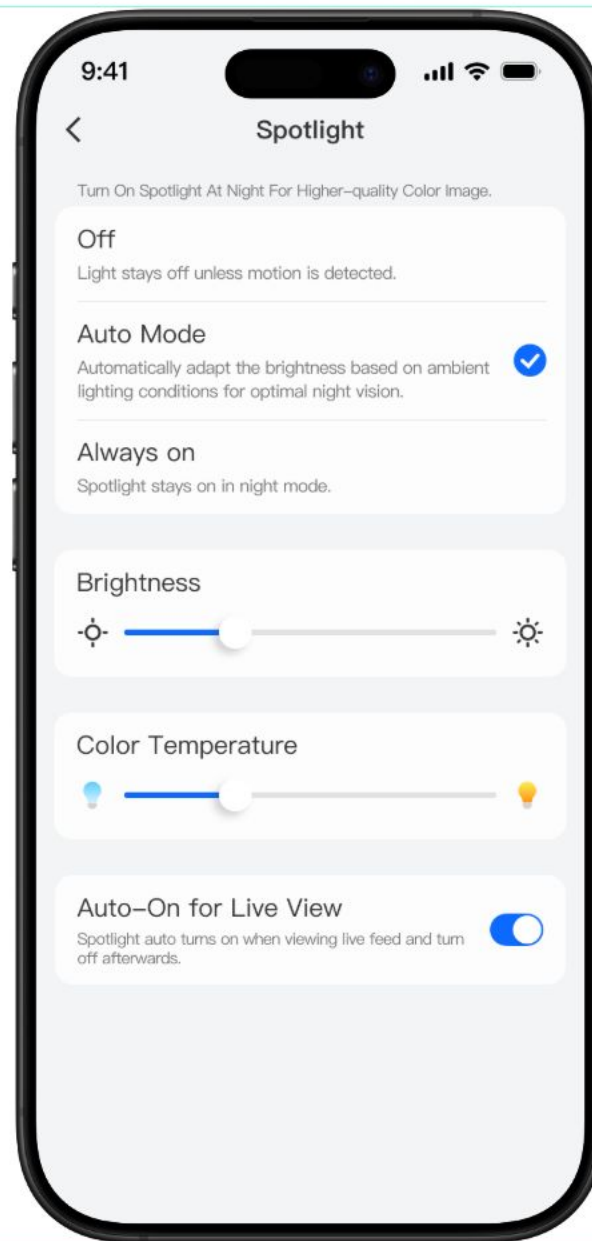
AI Detection with Personalized Light Response
Smarter detection. Smarter defense.

AI identifies people, vehicles, and animals – then activates custom lighting responses you define. Choose brightness, color temperature, flash style, and duration. It's light that reacts like intelligence.
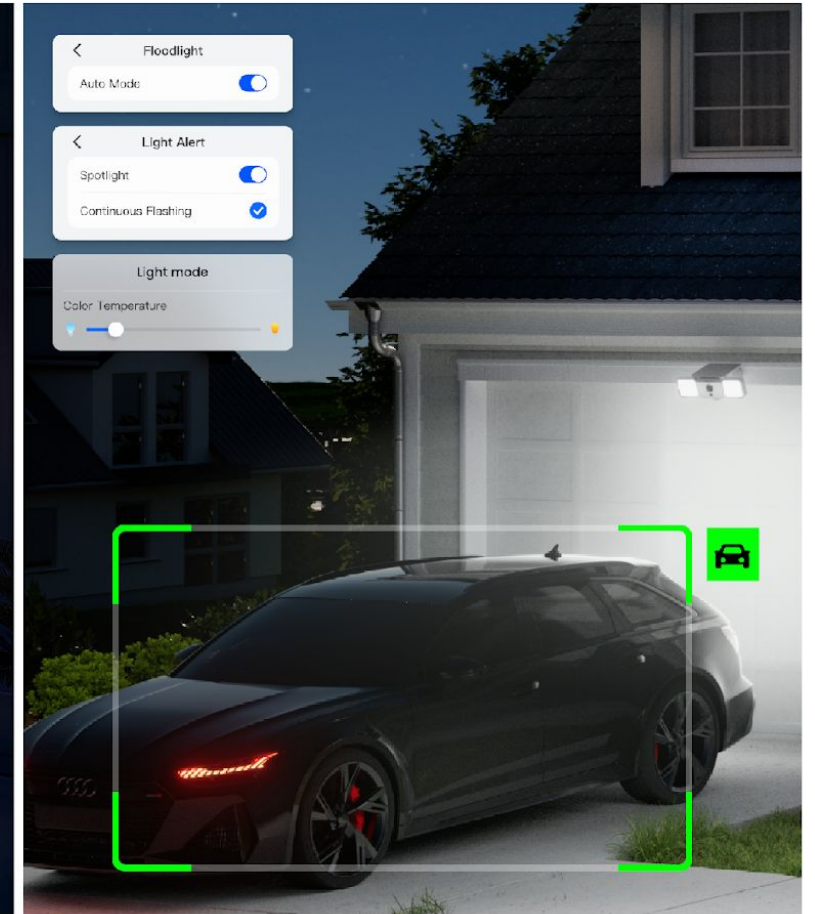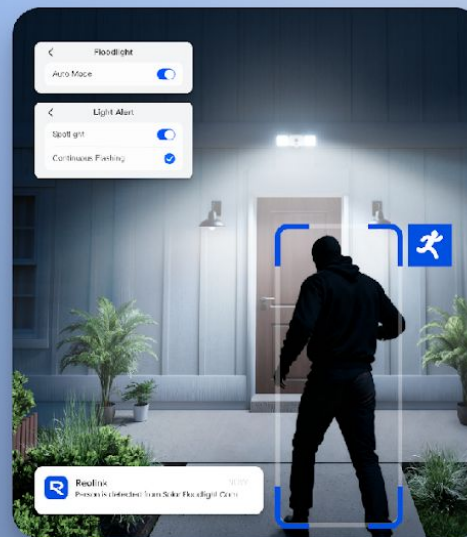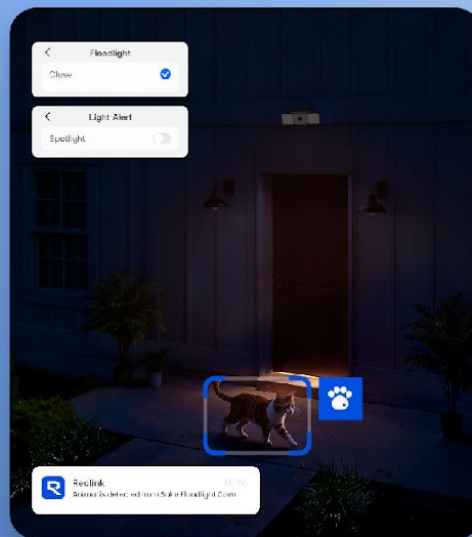
Powered by the Sun Always Ready

**While AI Detects,
You Decide How It Lights**

Two lighting modes
Floodlight for illumination Light Alerts for deterrence
AI detection & User-Controlled Response

See More in 2K Wider Than Ever
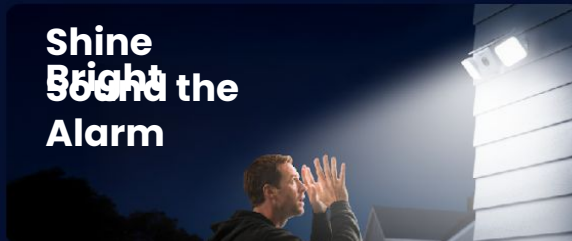
Adjustable Brightness & Color Temperature

One Sleek Design Effortlessly Maintained

Save Locally Stay Private

Shine Bright Sound the Alarm

Just Ask Alexa

Dual-Band Wi-Fi 6

Thank You