

Reolink TrackFlex Floodlight WiFi

Transform Your Security with the AI-powered
Floodlight Camera



Reolink TrackFlex Floodlight WiFi

Dual-lens PTZ hardwired Wi-Fi cameras with 360° coverage. 3000-lumen adjustable floodlights (3000K-6000K) to deter crime while illuminating spaces.

Local AI search instantly finds people, vehicles, or animals, and no subscription needed.



4K Dual lens, Dual Views



Telephoto lens

6x Hybrid Zoom

f = 8 mm F1.6

Wide-angle lens

4K Resolution

f = 2.8 mm F1.6

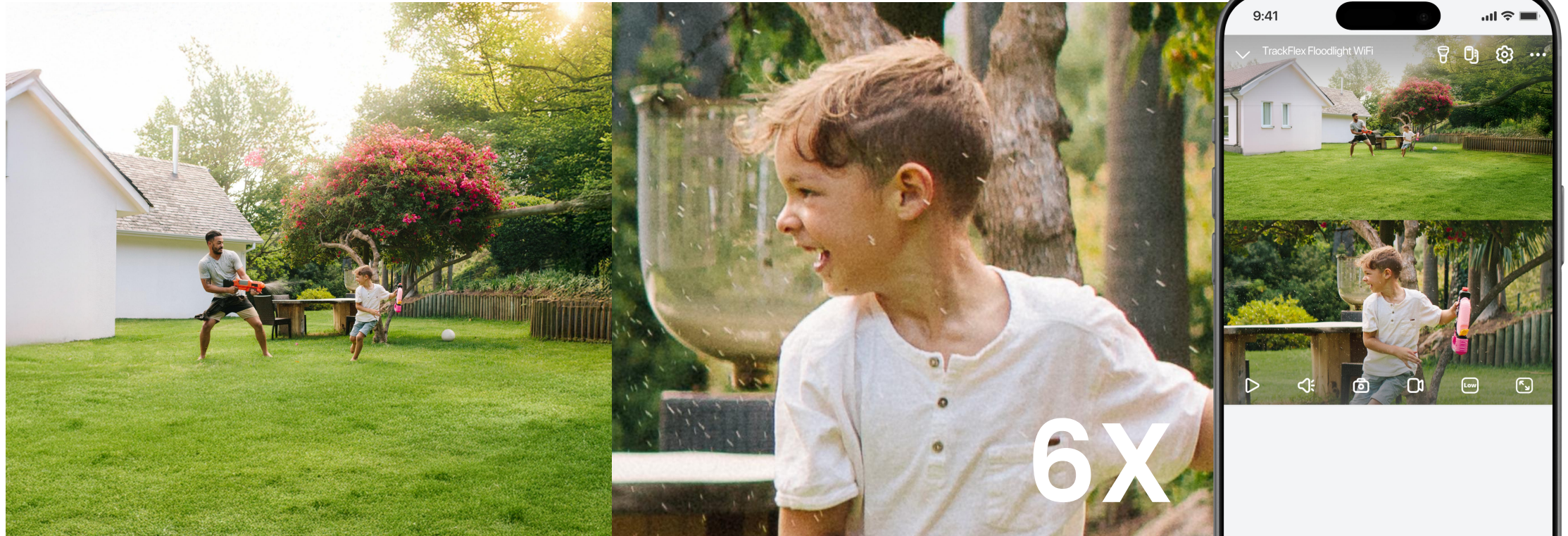
Miss Nothing with 360° Coverage. Track Everything with AI

360° smart camera that automatically tracks & zooms on people, vehicles & animals, securing your entire property with AI.



See Wider, See Closer in perfect Harmony

See everything in crystal-clear detail, one lens captures the wide view while the other zooms in (6X hybrid zoom) for sharp close-ups. Enjoy two consistent, synchronized views at once, doubling your security coverage with no blind spots.



Brilliant Illumination with Customizable Settings

High-performance LED floodlights deliver exceptional coverage with adjustable brightness reaching 3000 lumens and an impressive 40-foot range. Experience superior visibility and effective deterrence with your choice of lighting; warm 3000K for a welcoming atmosphere or crisp 6000K for maximum security clarity.



Note:
Light intensity and color settings are manually adjustable through the Reolink app.

Intelligent Lighting That Adapts to Your Lifestyle

Experience responsive illumination with versatile smart lighting modes

Tailor your lighting:

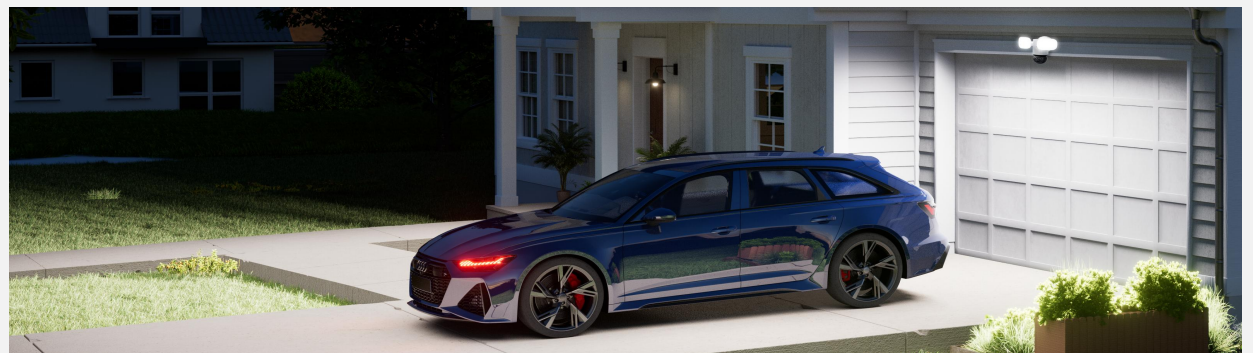
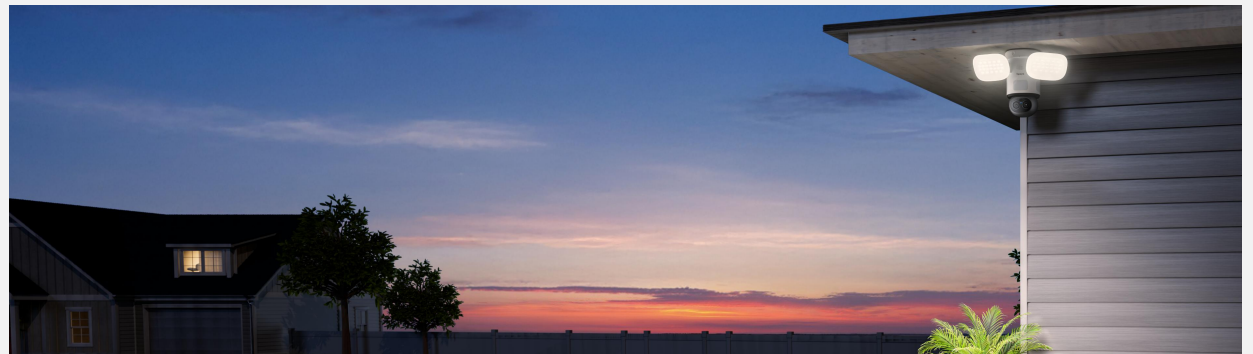
Set the duration and timing of the floodlights

Dusk-to-Dawn:

Automate the switching of lights on and off according to ambient light levels

Motion-Triggered:

Activates upon detecting motion from people, vehicles, or animals



Product Positioning & Key Use Cases

(For media reference and narrative alignment)

Reolink TrackFlex Floodlight WiFi is a 2-in-1 outdoor solution that merges powerful security with adaptive everyday lighting.

With two distinct lighting modes:

- **Lighting Mode:** for daily use, with adjustable brightness, color temperature (3000–6000K), and lighting schedule,
- **Alert Mode:** for security events, with options for flashing or steady light when detecting people, cars, or animals,

this product makes light both a **guardian** and a **companion**. We encourage you to review not just how well it secures, but how easily it blends into everyday outdoor living.

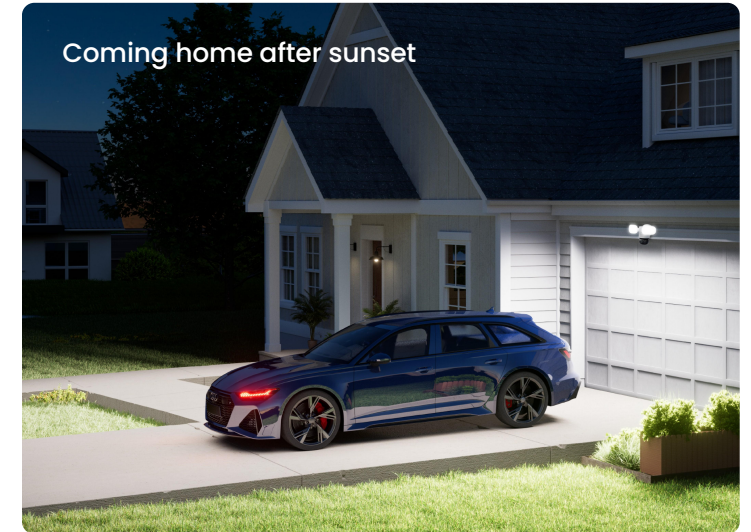


Real-Life Use Cases to Cover

Tip for review tone:

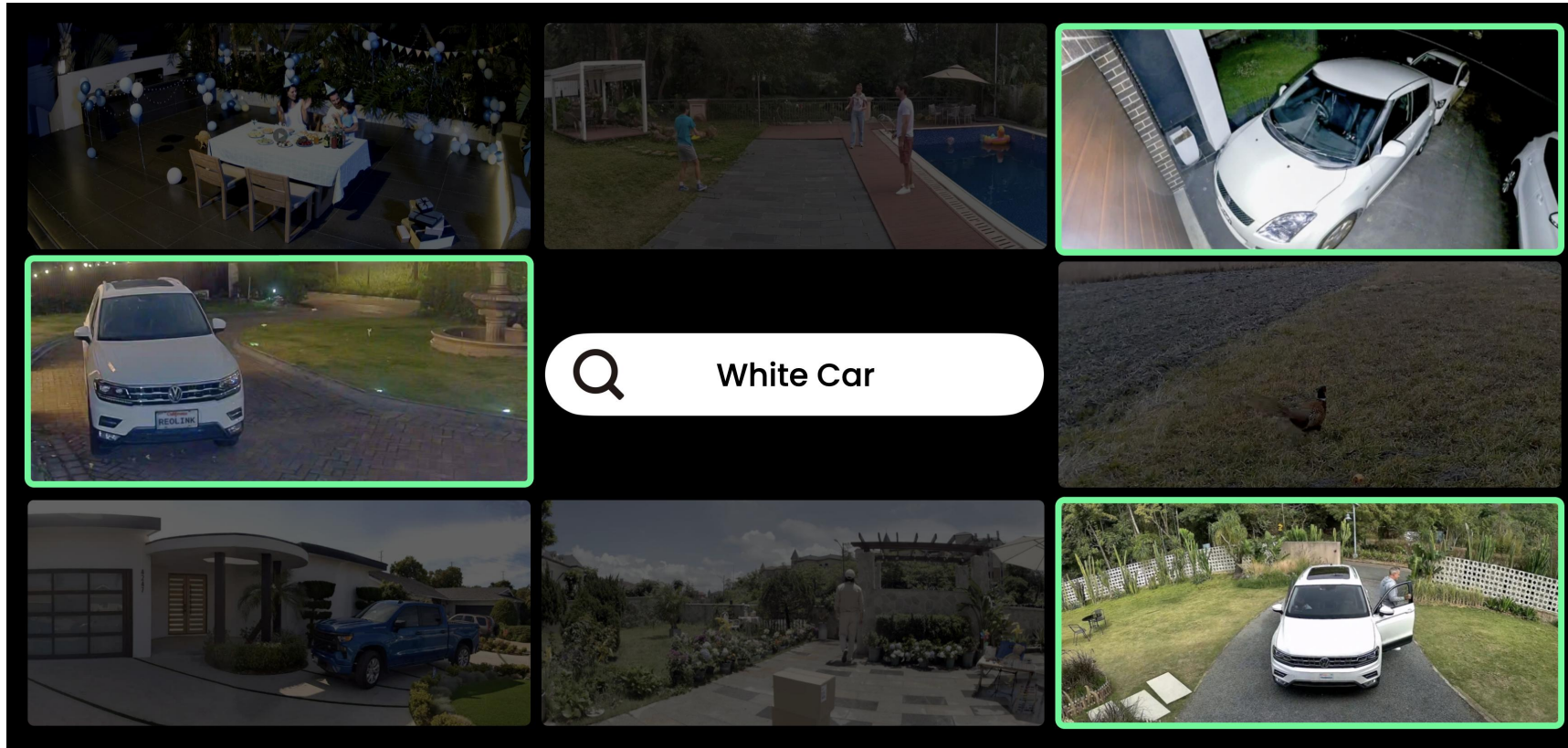
We recommend framing TrackFlex as a smart hybrid — strong enough to secure, smart enough to adapt, and soft enough to live with.

This is not just about stopping someone from breaking in. It's about making outdoor security a more natural part of life.



Instant Video Finder with AI-Powered Search

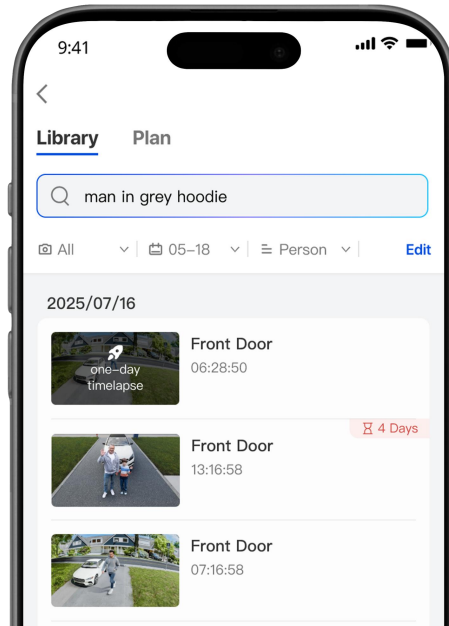
Simply enter your search terms and find exactly what you're looking for—Reolink's AI Video Search instantly pinpoints specific footage from your recordings. Driven by ReoNeura technology, the system interprets your queries and rapidly scans through extensive video archives to surface relevant clips within seconds. Skip the tedious manual searching. All processing happens on-device for enhanced privacy with no additional costs.



Note: AI Video Search requires Reolink App version 4.55 or higher.

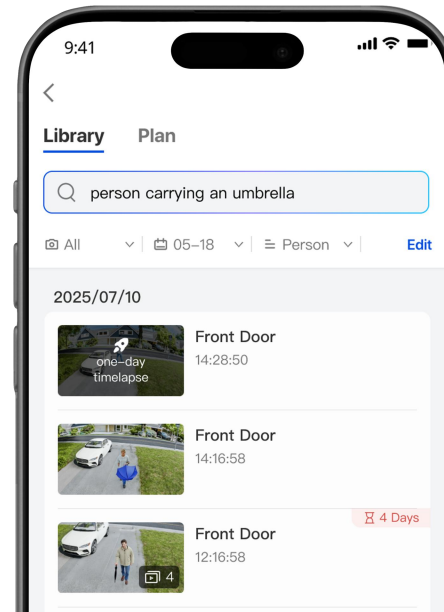
What Can You Search?

See how AI Video Search fits into your everyday life. Whether it's people, vehicles, animals, or key moments you care about — just describe it, and ReoNeura finds the footage that matters.



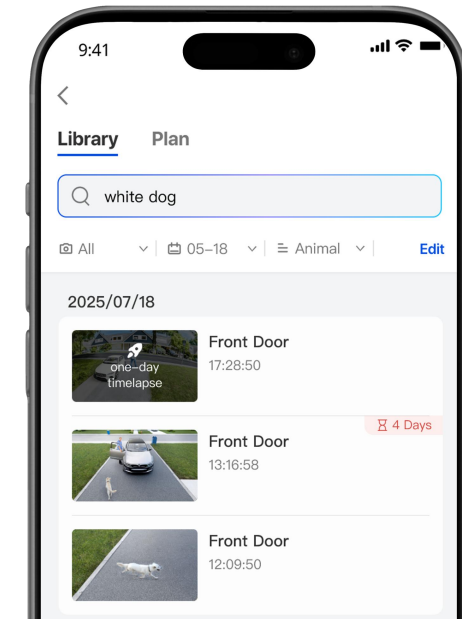
Suspicious Activity? Search It.

Spotted something unusual? Skip the endless rewinds. Just enter a few details — like clothing or movement — and let AI bring you the exact moment.



Worried About Loved Ones?

Missed a moment at home? Whether it's kids playing or elderly family members alone, ReoNeura helps you check in quickly — no stress, no scrubbing.

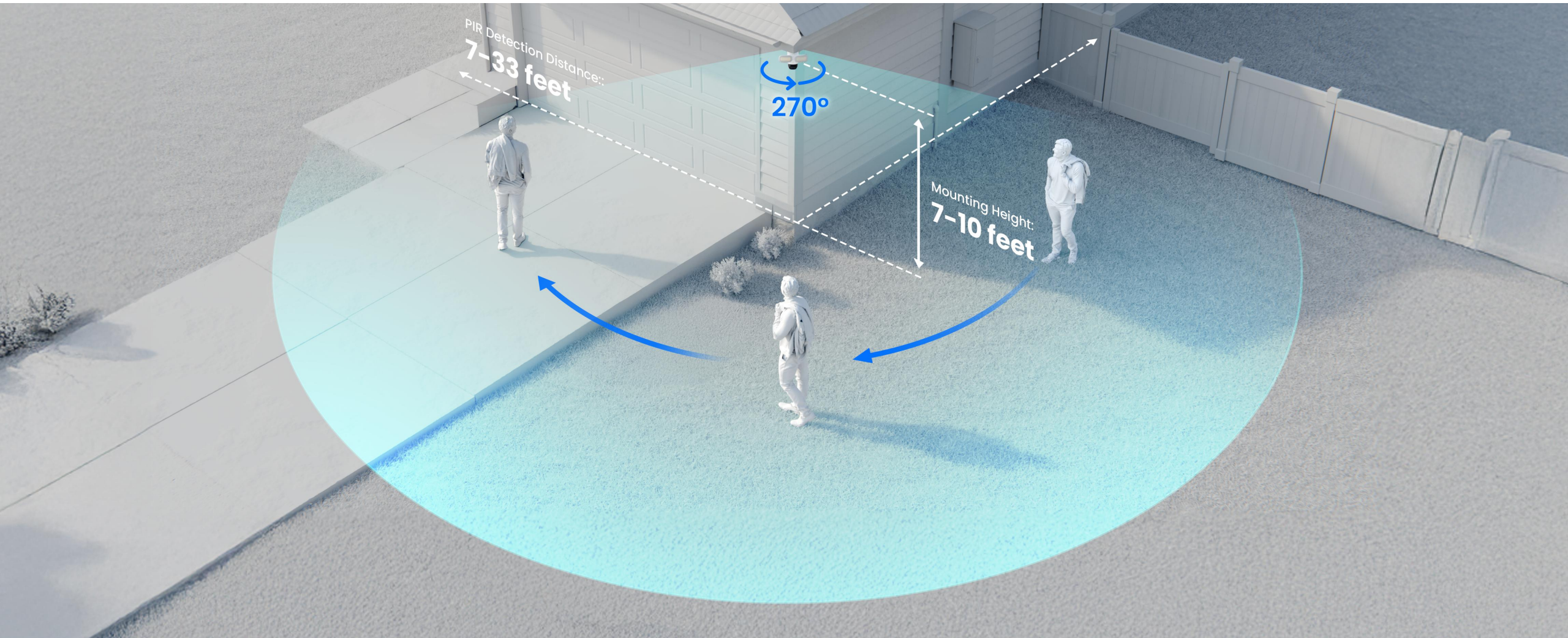


What's Your Pet Up To?

Can't find your curious cat or mischievous pup? Search by description and instantly see where they've been — indoors or out.

Be Omni-aware with 270° Out-of-View Detection

Your camera automatically pivots when motion is detected outside its current view covering a massive 270° detection zone. If it's facing one direction and the PIR sensor spots movement elsewhere, it instantly rotates to track the action, leaving zero blind spots.



24/7 Uninterrupted Recording with Flexible Storage Solutions

Experience reliable, cost-free storage with versatile recording capabilities:

- Accommodates microSD cards up to 512GB for uninterrupted recording functionality, maintaining continuous capture even during network outages with direct local storage. (microSD card sold separately)
- Full integration with Reolink NVR & Home Hub product lines for expanded storage options.
- Compatible with FTP/NAS server storage (RTSP/ONVIF supported) for customized access and management.



Advanced Threat Prevention System

Proactively defend your property with intelligent AI detection that accurately differentiates between people, vehicles, and animals. When motion is detected, the floodlight illuminates while a powerful built-in alarm (up to 110dB) and personalized 5-second voice warning deliver immediate deterrence. Receive instant mobile alerts to stay connected wherever you are.

Intelligent AI Recognition Technology :

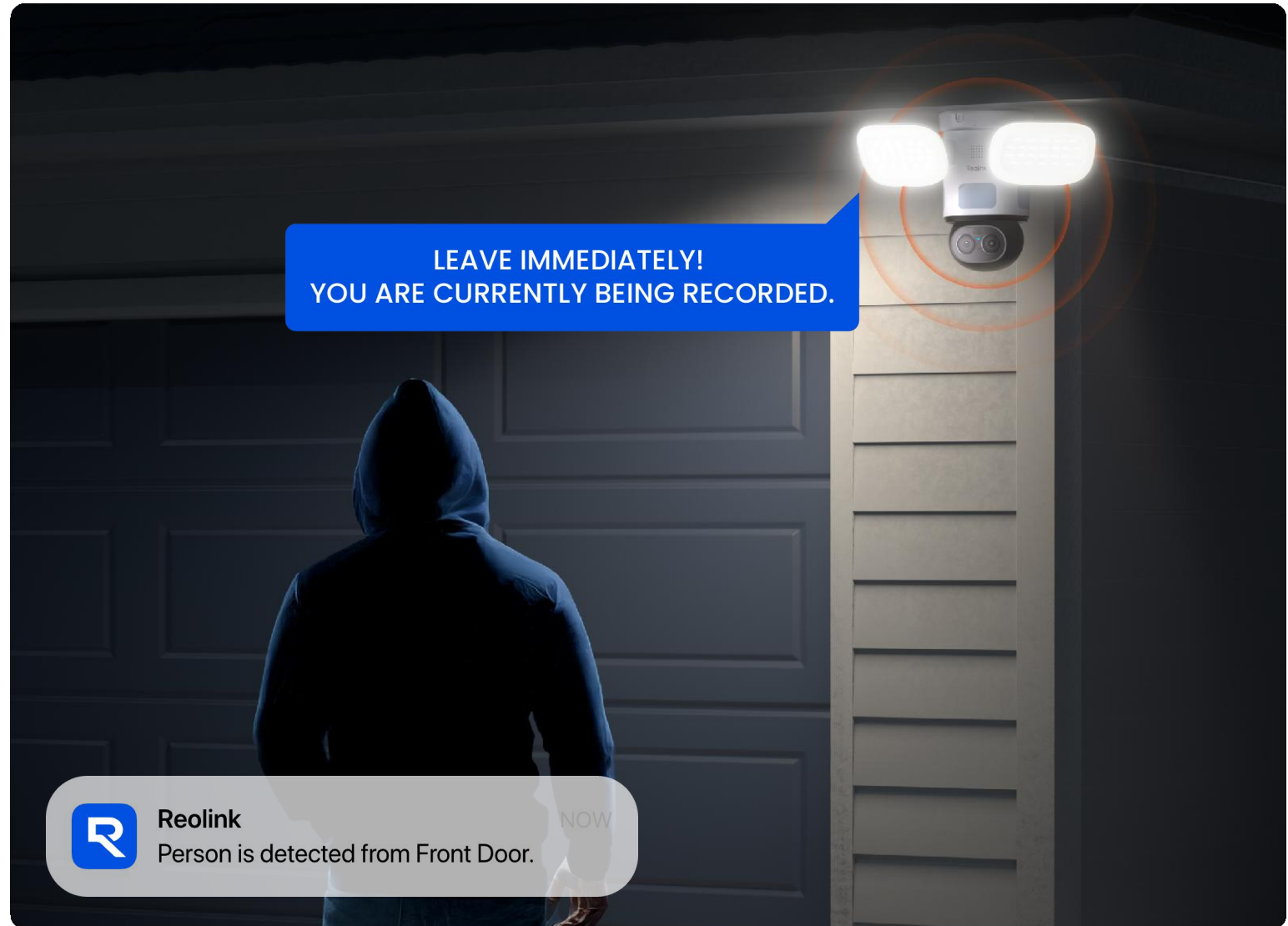
Precisely distinguishes between humans, vehicles, and animals in real-time.

Powerful & Personalized Alert System :

Combines high-decibel siren with customizable voice messaging for effective deterrence.

Real-Time Mobile Updates :

Receive immediate notifications directly to your smartphone for constant awareness and control.



Superior Connectivity with Wi-Fi 6 Technology

Dual-band Wi-Fi 6 delivers reliable, high-speed performance without interruption. Enjoy smooth real-time monitoring and rapid footage access, protected by advanced WPA3 encryption for maximum network security.

Dual-Band Network Support

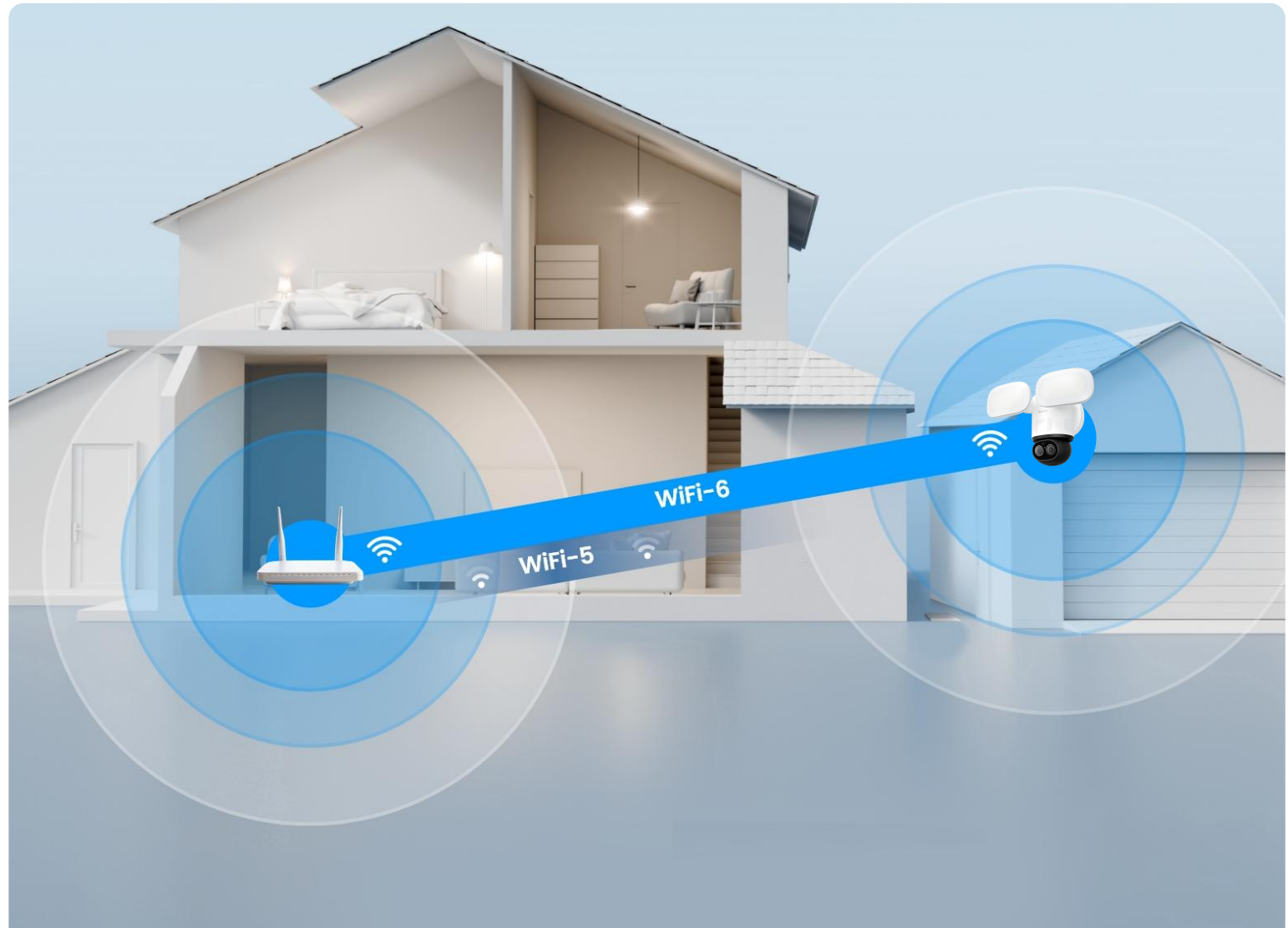
Maintains consistent operation across varying environmental conditions.

Wi-Fi 6 Advanced Performance

Provides extended range and accelerated data transfer for uncompromised security monitoring.

WPA3 Security Protocol

Industry-leading encryption technology for enhanced network protection and privacy.



Smart Home Integration for Effortless Control

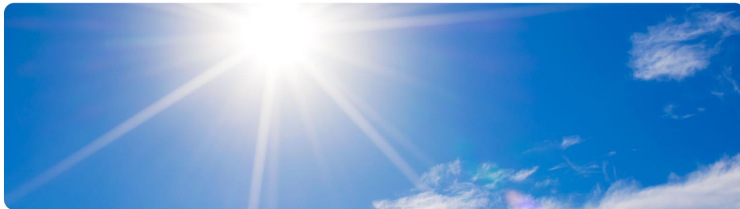
Hands-free security at your command. Seamlessly integrate with Google Assistant. You can also control lights on/off and check live footage via voice commands.



IP66 WeatherProof for Outdoor

Weatherproof rated for rugged durability

Suitable In All Weather



Versatile Installation, Perfect for Any Space

Designed for flexibility, the Elite Floodlight WiFi supports multiple mounting options, including ceiling and wall setups. Adjustable camera and light angles ensure optimal coverage, whether securing entryways, backyards, or commercial premises.



Specifications TrackFlex Floodlight WiFi

| Video & Audio | |
|-----------------------|---|
| Image Sensor | 1/3"+1/2.8" CMOS Sensors |
| Resolution | 3840 * 2160(8MP)@20fps 1920*1080(2MP)@20fps |
| Lens | f=2.8mm fixed, F=1.6,f=8 mm fixed, F=1.6 |
| Field of View | Wide Angle: Horizontal: 104°; Vertical: 60°; |
| | Tracking: Horizontal: 38°; Vertical: 21° |
| Zoom | 6X hybrid zoom |
| Infrared Night Vision | Up to 30 meters (100ft); LED: 2pcs/850nm (Auto-switching with IR-cut filter) |
| Color Night Vision | With Floodlights: 3000 Lumens/3000K-6000K |
| Frame Rate | Main Stream: 2fps - 20fps(default: 20fps) |
| | Sub Stream: 4fps - 20fps(default: 20fps) |
| Code Rate | Wide Angle: Main:2048-8192Kbps default: 5120kbps Sub:128-1228Kbps default: 1024kbps |
| | Tracking: Main: 4096Kbps; Sub: default: 1024kbps |
| Audio | Two-way audio |
| Siren | 110dB |
| Power Requirements | |
| DC Power | AC 100V~240V, 50~60Hz DC 5V= 2A (For Set Up Only) |
| Interface | |
| Power Port | DC power port |
| Reset Button | YES |
| microSD Card Slot | Supports max. 512GB microSD card |

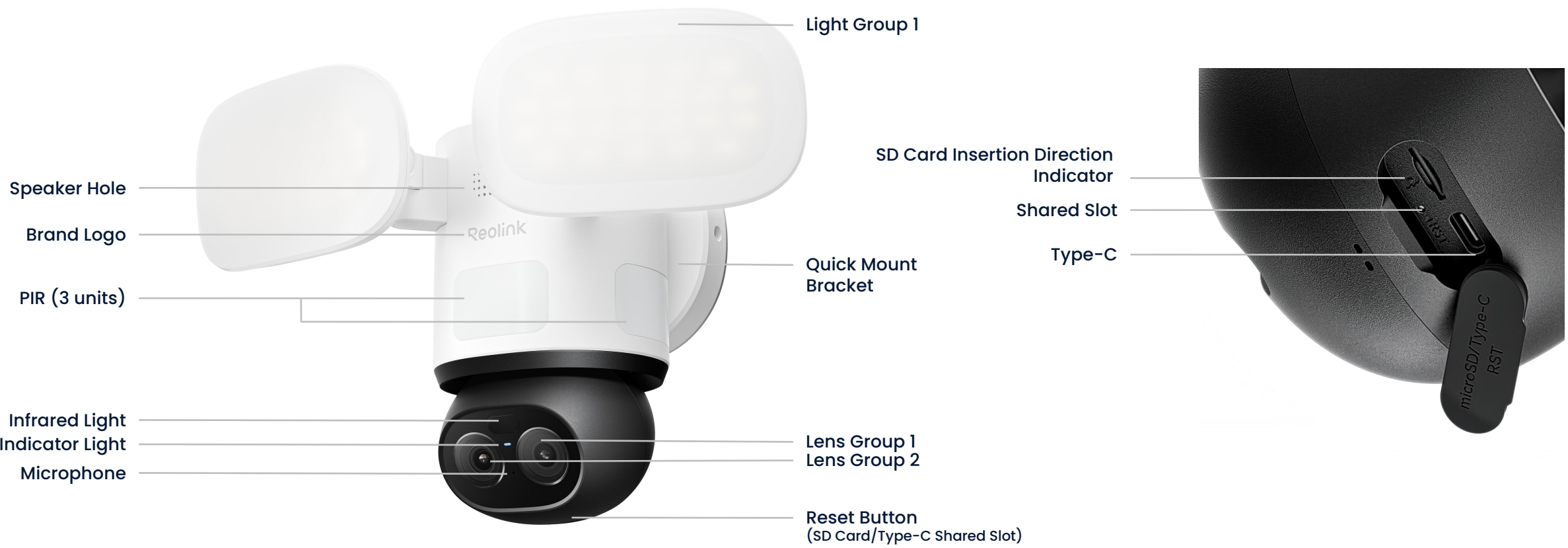
| Audio In/Out | Built-in microphone and speaker |
|-----------------------|--|
| Pan&Tilt | |
| PT Angle (Max.) | Pan: 355°, Tilt: 50° |
| Pan Speed | 90/8°-90°/s (Speed can be set) |
| Tilt Speed | 60/8°-60°/s (Speed can be set) |
| Preset Points | Supports 1 guard position & up to 64 preset positions |
| Patrol | NO |
| Auto-Tracking | YES |
| Wi-Fi | |
| Wireless Standard | IEEE 802.11 ac/ax/a/b/g/n |
| Operating Frequency | 2.4GHz/5GHz |
| Wireless Security | WPA/WPA2/WPA3 |
| Software | |
| Browser Supported | Edge, Chrome, Firefox, Safari |
| OS Supported | 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) |

| Other Features | |
|--------------------------|---|
| Smart Alarm | Motion Detection; Human Detection; Vehicle Detection; Animal Detection; |
| Record Mode | Motion-triggered recording (default); Scheduled recording, 24/7 recording |
| Time Lapse | YES |
| Smart Home Compatibility | Google Assistant |
| AI Video Search | YES |
| Working Environment | |
| Operating Temperature | -10°C~+55°C (14°F~131°F) |
| Operating Humidity | 10% ~ 90% |
| Weatherproof | IP66 |
| Mechanical | |
| Dimensions | 283x 184x 199 mm |
| Weight | 1.228kg |
| Warranty | |
| Limited Warranty | 2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/ |

Specification Comparison

-what makes TrackFlex Floodlight WiFi stand out

| | TrackFlex Floodlight WiFi | Ring Floodlight Cam Pro | eufy Floodlight Camera E340 |
|-------------------------|---|---|---|
| Lens | 4K (8MP) Wide-angle lens 2K (4MP) Zoom lens | 2K | 3K main lens 2K zoom lens |
| Zoom | Up to 6× hybrid zoom | Digital zoom only (no optical zoom) | Up to 8× hybrid zoom |
| Connectivity | 2.4GHz & 5GHz Wi-Fi, Wi-Fi6 | 2.4GHz & 5GHz Wi-Fi, Wi-Fi4 | 2.4GHz & 5GHz Wi-Fi, Wi-Fi6 |
| Smart Detection | Smart AI detection for humans, pets, and vehicles | 3D motion detection with radar, customizable motion zones | AI detection for humans, pets, and vehicles |
| Subject Lock & Tracking | Smart Auto-tracking + 270° out-of-view detection | Basic motion tracking, no AI-based subject locking | AI-based tracking with preset positions and auto-cruise mode |
| Lighting Brightness | 3000 lumens | 2000 lumens | 2000 lumens |
| Dimmable Lighting | Adjustable brightness with scheduling | Adjustable brightness | Adjustable brightness with scheduling |
| Lighting Temperature | 3000K (cool white) – 6000k (warm orange) | 3000K (cool white) | 4000K (cool white) |
| Adjustable Temp. | Yes | No | No |
| Weatherproof | IP66-rated Weatherproof | Weather-resistant design | IP65-rated (dustproof & waterproof) |
| AI Video Search | Supports Local AI-based Keyword Event search, No subscription fees | No built-in AI search; requires Ring Protect Plan for cloud-based review | No |
| Local Storage | Up to 512 GB microSD card / NVR / Hub / FTP / NAS | No | Support up to 128GB microSD Card/ Home hub |
| Warranty | 2 Years | 1 year | 1 year |



Reolink

Thank You

