PORTABLE SOLAR + BATTERY SECURITY

RAIA™

Remote Autonomous Intelligent Agent · pronounced "Rye-Ah"

The surveillance and alarm tower that ships overnight, sets up in minutes, and talks back.

Digital fence. Autonomous engagement.
Rapid response. Full two-way functionality.



RAIA-P · POLE MOUNT

Mounted on a pole.

Mounts to sturdy light poles in parking lots, entrances and yards. Same solar power, same app, same pricing.



Scale illustration · person 6 ft 0 in; RAIA about 6 ft 7 in

RAIA DEPLOYED HEIGHT	RAIA CAMERA LINE
About 6 ft 7 in	About 6 ft 3 in

360°
Camera viewing
RAIA · 270° on RAIA-P

UP TO 200 ft
Detection / wake
Site conditions apply

100 W
Solar package
Two 50 W panels

5 days
Without solar input
Design target; testing pending

UNIQUE HIGHLIGHTS

No trailer to tow.
Solar and battery power in a compact folding tripod built for parcel delivery, or a pole mount.

It talks back. INDUSTRY FIRST
SARA autonomous voice engagement adds an active response, with settings controlled by the customer. RAD brought autonomous two-way audio to security first.

Live access on demand.
Connect for live camera viewing and two-way audio whenever you need to check in.

Place protection where it matters.
Move the tripod as sites change, or mount RAIA-P on the poles you already have.

ENDS DEC 31 — FOUNDER'S PRICING · LIMITED UNITS · SEE PAGE 4

■ ASSEMBLED IN THE USA · THE REX, MICHIGAN

■ 1-YEAR WARRANTY · 24/7 SUPPORT

TWO LAUNCH VERSIONS

One RAIA. Two ways to deploy.

Both models share RAIA's core: SARA voice engagement, RADNET™ AI, live video with two-way audio, the same app and the same pricing.



Ships like a parcel. Up in about 15 minutes.

360°	4 + 4	~15 min
Camera viewing	Cameras + PIR sensors	One-person setup

- Folding carbon-fiber tripod; legs fold up for transport
- Two FedEx / UPS boxes, each under 30 lb
- Legs adjust for uneven ground; feet can be bolted down
- About 6 ft 7 in tall, with no trailer to tow

Best for: construction, events, and temporary sites that move.



Mounts to the poles you already have.

270°	3 + 3	~30 min
Camera viewing	Cameras + PIR sensors	One person + ladder

- Fits sturdy poles about 4–20 in diameter
- Recommended mount height: 10–12 ft
- One person with a 10 ft A-frame ladder
- Same two 50 W solar panels, mounted on the pole

Best for: parking lots, retail, entrances, campuses and yards.

The pole blocks the fourth view, so RAIA-P uses three cameras and sensors for 270° coverage.

BOTH MODELS

SARA voice engagement · Live video + two-way audio · RADNET™ on-device AI · Detection up to 200 ft* · Solar + battery · Same app, same pricing

RAIA TRIPOD

The non-trailer solar CCTV trailer.

Tower-class coverage without the tow vehicle, the hitch or the setup crew.

2 boxes

FedEx / UPS, each under 30 lb, with overnight options where available.

1 person

About 15 minutes to deploy. Setup and activation in the app.

0 trailers

Fits where a trailer can't: courtyards, gates, paths, tight lots.

HOW RAIA WORKS

Detect. Verify. Engage. Respond.

1

DETECT

PIR sensors watch broad zones around the unit, day and night, and wake the cameras on motion up to **200 ft** out, depending on lighting and site conditions.

2

VERIFY

Cameras capture within about **1 second** (design target). **RADNET™**, RAD's own AI model, confirms a person or vehicle on the unit itself.

3

ENGAGE

SARA speaks to the intruder autonomously, using the responses you configure.

4

RESPOND

A verified image alert reaches the **RAD Dashboard**. Operators go live with video and two-way audio, or view RAIA's cameras in **Immix**.

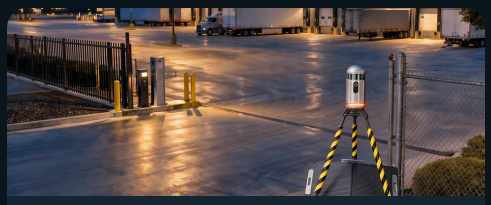
INDUSTRY FIRST FROM RAD

It talks back. On its own.

A siren alone waits for someone to look. RAIA carries SARA, RAD's autonomous voice agent, so the first response happens at the edge. RAD was first to bring autonomous two-way audio to security. When an operator wants in, live video and full two-way audio are available on demand.

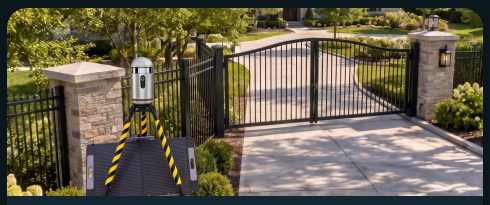


WHERE RAIA WORKS



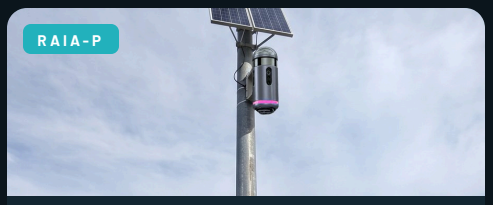
Truck & logistics yards

Watch gates, docks and trailer lots after hours.



Estates & gated entrances

Cover drives and gates with no trenching for power.



Parking lots & retail

Mount RAIA-P on sturdy light poles already in place.

Construction sites

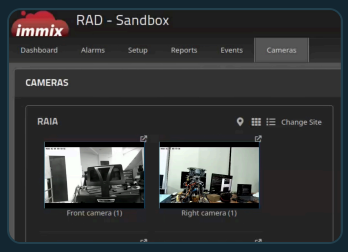
Cover each phase, then move RAIA as the build moves.

Solar farms & utilities

Solar-charged protection for remote, off-grid assets.

Events & productions

Stand up perimeter coverage fast; pack it up after.



IMMIX READY!

Live RAIA camera viewing. Inside Immix.

Bring RAIA into a familiar monitoring workflow, with each camera as its own channel. Shown: actual RAIA captures in the Immix RAD sandbox.

Immix · RADSoC · RAD Dashboard · ONVIF-compatible VMS

SEE RAIA LIVE **Book a live video demo, or visit RAIA at the REX in Michigan.**

Email **troy.mccanna@radsecurity.com**

TECHNICAL SPECIFICATIONS

Preliminary product configuration for RAIA and RAIA-P. Performance depends on site, network and operating conditions. Design targets are identified below.

COMMUNICATION & ENGAGEMENT	
Live audio / video	On-demand live video and full two-way audio, without a post-alert calling window.
SARA voice engagement	Autonomous, customer-configurable voice engagement on verified detections. Voice pickup target: about 16 ft in quiet outdoor conditions.
SENSING, ANALYTICS & RECORDING	
Cameras	**RAIA:** four cameras, 360° viewing. **RAIA-P:** three cameras, 270° viewing.
PIR sensors	**RAIA:** four. **RAIA-P:** three. Broad detection zones with gaps; PIR coverage is not continuous.
Detection / wake	Motion detection and camera wake up to 200 ft, depending on lighting and site conditions.
Night vision	IR illumination up to about 115 ft.
Image capture	Design target: within 1 second of a motion trigger. AI processing and dashboard delivery times are separate.
Analytics	RADNET™ on-device AI: human and vehicle detection with image alerts to the RAD Dashboard. Additional analytics are coming.
Edge processing	RAD's RadPak board runs the PIR sensors, processes all camera video, and manages communications and analytics.
Event video	15-second default, adjustable from 10–30 seconds. Stored on the unit and uploaded on request.
DEPLOYMENT & HARDWARE	
RAIA (tripod)	About 6 ft 7 in tall; camera line about 6 ft 3 in. Folding carbon-fiber tripod with padded legs that adjust individually; feet can be bolted or secured. One person, about 15 minutes.
RAIA-P (pole)	Mounts to sturdy poles about 4–20 in diameter. Recommended mount height: 10–12 ft. One person, about 30 minutes, with a 10 ft A-frame ladder.
Shipping	FedEx / UPS parcel shipping, with overnight options where available. RAIA ships in two boxes, each under 30 lb; final weights confirmed once packaging is finalized.
Activation	Self-setup in the app, including activation and payment. No technician visit or base station required.
Tamper sensing	Accelerometer-based sensing detects movement or tilt of the unit.
POWER	
Solar	Two 50 W panels, 100 W total, on both models. RAIA-P runs on solar and battery only; it does not draw pole power.
Battery	Rechargeable battery system; final capacity and chemistry to be confirmed. Design target: 5 days without solar input; runtime depends on workload, and testing is pending.
CONNECTIVITY, SYSTEMS & SUPPORT	
Connectivity	LTE cellular. US and Canada units ship with the SIM installed.
Systems	Immix, RADSoC, RAD Dashboard and ONVIF-compatible VMS, including Genetec and Milestone. Functions vary by platform.
Warranty & support	1-year warranty. 24/7 support at radsupport@radsecurity.com.
Data security	RAD has completed a SOC 2 Type II audit.
Assembly	Assembled in the USA at the REX, RAD's facility in Michigan.

FOUNDER'S PRE-ORDER · ENDS DEC 31, 2026

Be first to deploy RAIA.

Exclusive Founder's Pre-Order pricing on RAIA and RAIA-P, for end users and RAD dealers.
Limited number of units available at this price. First deliveries expected **Q1 2027**.

HOW TO RESERVE

1. **Email or scan.** Tell us your site, quantity, and RAIA, RAIA-P or both.
2. **Get your Founder's quote.** RAD replies with Founder's Pre-Order pricing.
3. **Place your deposit.** Secure your units before Dec 31. Refundable, subject to a 20% restocking fee.

SCAN OR EMAIL TO RESERVE

troy.mccanna@radsecurity.com
Troy McCanna, Chief Revenue Officer

Dealers: ask about Founder's dealer pricing and stocking RAIA.

Applications: Commercial outdoor security, including high-end residential. RAIA™ and RADNET™ are trademarks of Robotic Assistance Devices, Inc. Immix, Genetec and Milestone are the property of their respective owners.