

MOBILE AC-POWERED PTZ SURVEILLANCE

SentryPODS Recon

Extended-range intelligence. Precise control. Remote command.



PURCHASE OR LEASE

PURCHASE

\$18,109.24

MONTHLY LEASE

\$1,020.00 / MO

Pricing may vary with configuration, connectivity, installation, shipping and project requirements.

630x

TOTAL ZOOM

400m+

IR RANGE

360°

ENDLESS PAN

Extended-Range Intelligence for Critical Sites.

The Recon combines a larger imaging sensor, extended-range infrared illumination and precision PTZ control in a rugged mobile platform built for critical infrastructure, industrial and perimeter-security deployments.

01

Precision PTZ

30x optical zoom, 21x digital zoom and 630x total magnification.

02

Extended Night Range

IR illumination reaches 400 meters or more depending on the scene.

03

Always Connected

Integrated 4G LTE, Wi-Fi, GPS and multiple Ethernet ports.

04

Power Redundancy

AC operation with a 576Wh internal lithium-ion battery system.

05

Remote Management

Dashboard alerts, event logs and remote power-output control.

06

Rugged Deployment

Weather-resistant enclosure with IP66, IP67 and IP68 ratings.

TECHNICAL SPECIFICATIONS

Recon System Details

AC-powered mobile surveillance with internal battery and network redundancy.

CAMERA AND PTZ

TYPE	PTZ
SENSOR	1/1.9-in progressive scan RGB CMOS
LENS	6.7-201 mm, F1.6-5.3; autofocus and automatic day/night
FIELD OF VIEW	Horizontal 58.6-2.2 degrees; vertical 34.1-1.2 degrees
LOW LIGHT	0.07 lux color; 0.008 lux B/W; 0 lux with IR on
IR	850 nm LEDs; range of 400 m or more depending on scene
SHUTTER	1/30000 s to 1/6 s
PAN / TILT	360-degree endless pan; +90 to -90-degree tilt; up to 150 degrees/s
ZOOM	30x optical, 21x digital, 630x total
CONTROLS	256 presets, tour recording, guard tour and control queue

CONNECTIVITY

ROUTER	4G LTE, Wi-Fi and GPS
CARRIERS	North America, Europe and Asia Pacific
ETHERNET	4 ports - 2 router and 2 dock
ANTENNA	5-in-1: GPS, 2 cellular and 2 Wi-Fi

POWER AND MANAGEMENT

AC INPUT	115 VAC, 60 Hz, 1.9 A
OUTPUTS	24 VDC at 6 A or 12 VDC at 6 A; backup battery terminal
CAMERA POWER	PoE typical 25 W; maximum 71 W
PROTECTION	Short-circuit and thermal-overload protection
MONITORING	Supply voltage/load, output voltage/load, temperature, AC/battery status and battery health
REPORTING	Dashboard alerts, email alerts and event log
CONTROL	8 fused 3 A outputs with local or remote control

BATTERY

CHEMISTRY	Lithium ion
CAPACITY	288 Wh per battery; 576 Wh per unit
CHARGING	29.4 VDC at 2 A
DISCHARGE	24 VDC nominal up to 15 A; 21-29.4 VDC
CYCLES	Approximately 500

ENCLOSURE AND GENERAL

MATERIAL	Polycarbonate; UL94-5VA flammability rating
ENCLOSURE	16 x 14 x 8 in; NEMA 1, 3R, 4, 4X, 6P and 12
UNIT SIZE	28 x 14 x 8 in; 40 lb
TEMPERATURE	-20 to 60 degrees C; 0 to 50 degrees C optimal
IP RATINGS	IP66, IP67 and IP68

Configure the Recon for Your Site.

Build the right deployment around your coverage distance, connectivity, mounting and monitoring requirements.

- Select LTE, Wi-Fi or Ethernet connectivity
- Add Fortress dashboard and monitoring services
- Plan mounting, accessories and deployment support

