

MULTI-HEAD AC-POWERED SURVEILLANCE

SentryPODS Phoenix

Panoramic detail. Remote alignment. 5G connectivity.



PURCHASE OR LEASE

PURCHASE

\$15,205.44

MONTHLY LEASE

\$975.00 / MO

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

4x

IMAGE SENSORS

5MP

PER SENSOR

5G

CONNECTIVITY

High-Resolution Coverage Across the Entire Site.

The Phoenix combines four high-resolution sensors, motorized pan-tilt-roll-zoom adjustment and 5G connectivity in a rugged platform designed for broad-area surveillance and precise remote alignment.

01

Four-Sensor Coverage

Four RGB CMOS sensors capture 2592 x 1944 video simultaneously.

02

Motorized PTRZ

Remotely adjust focus, zoom, tilt and roll for precise views.

03

5G Connected

Integrated 5G, Wi-Fi, GPS and four Ethernet ports.

04

Low-Light Imaging

Automatic day/night operation reaches 0 lux B/W with IR.

05

Power Redundancy

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

06

Rugged Deployment

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

TECHNICAL SPECIFICATIONS

Phoenix System Details

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

MULTI-HEAD PTRZ CAMERA

TYPE	Multi-head PTRZ
SENSORS	4 x 1/2.78-in progressive scan RGB CMOS
LENS	Varifocal 3.18-7.42 mm, F1.6-2.7; motorized focus and zoom
CAPTURE	4 x 2592 x 1944 capture mode
HORIZONTAL FOV	90-40 degrees per sensor
VERTICAL FOV	71.5-30 degrees
MINIMUM FOCUS	1.5 m
LOW LIGHT	0.15 lux color; 0 lux B/W with IR
SHUTTER	WDR on: 1/19500 s to 1 s; WDR off: 1/16000 s to 1 s
ADJUSTMENT	Pan +/-180; tilt -23 to -150; roll +5 to -95 degrees

CONNECTIVITY

ROUTER	5G, Wi-Fi and GPS
CARRIERS	North America, Europe and Asia Pacific
ETHERNET	4 ports
ANTENNA	7-in-1: GPS, 4 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 10.8 W; maximum 23.7 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	30 x 14 x 8 in; 38 lb
TEMPERATURE	-20 to 60 degrees C; 0 to 50 degrees C optimal
IP RATINGS	IP66, IP67 and IP68

Configure the Phoenix 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

