

Sentry PODS Ranger

Camera

Type	PTZ
Image sensor	1/2.8" progressive scan CMOS
Lens	4.3–129 mm, F1.6–4.7 Horizontal field of view: 66.7°–2.36° Vertical field of view: 39.5°–1.37° Laser focus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.15 lux at 30 IRE F1.6 B/W: 0.01 lux at 30 IRE F1.6 Color: 0.2 lux at 50 IRE F1.6 B/W: 0.02 lux at 50 IRE F1.6
Shutter time	1/60000 s to 2 s
Pan/Tilt/Zoom	Pan: 360° endless, .05°–700°/s Tilt: +20 to -90°, .05°–700°/s 30x optical zoom, 12x digital zoom, total 360x zoom Nadir flip, 256 preset positions, Tour recording, Guard tour, Control Queue, On-screen directional indicator, Set new Pan 0°, Adjustable zoom speed, Speed dry
Power	PoE: typical 11w, max 51w

Router

Type	4G LTE, WiFi, GPS
Carriers	All North American carriers Europe & Asia Pacific
Ethernet Ports	4 (2 router, 2 dock)
Power	9-33VDC

Power Supply

Outputs	24VDC@6A, or 12VDC@6A Back-up Battery Terminal
Input	115VAC, 60Hz, 1.9A
Supervision	AC Fail, Battery Fail
Protection	Short circuit protection Thermal overload protection

Antenna

Type	5-in-1 (GPS + 2 cellular + 2 WiFi)
Cables	2ft
Connectors	GPS: SMA Cellular: SMA WiFi: RP-SMA

Network Module

Input	12-28VDC@12.5A and 5-28VDC@12.5A
Output	8 fused outputs rated 3A, selectable input Local or remote control
Monitoring	Power Supply voltage and load Each output voltage and load FACP trigger and reset status Unit temperature (°C) Power Supply AC and Battery status Battery health
Reporting	Windows Dashboard Alerts, E-mail alerts Event log

Back-up Battery

Chemistry	Lithium Ion
Capacity	288Wh per battery (576Wh per unit)
Charging	29.4VDC@2A (2.5mm X 5.5mm barrel)
Discharge	Nominal: 24VDC@up to 15A Max voltage: 29.4VDC Minimum voltage: 21VDC
Cycles	~500

Enclosure

Material	Polycarbonate
Dimensions	16" x 14" x 8"
IP Rating	66, 68
Nema Rating	1, 3R, 4, 4X, 6P, 12
Flammability Rating	UL94-5VA

General

Power	115VAC, 60Hz, 1.9A Internal Back-up Battery
Weight	30lbs.
Dimensions	28" x 14" x 8"
Operating Temp	-20°C to 60°C 0°C to 50°C optimal
IP Rating	66/67/68

