

Sentry PODS Viper

Camera

Type	Thermal, 19mm
Image sensor	Uncooled microbolometer 384x288 pixels, pixels size: 17 μ m. Spectral range: 8-14 μ m
Lens	Athermalized, F1.24 Horizontal field of view: 19° Vertical field of view: 15° Near focus distance: 8.3 m (27.2 ft)
Resolution	Sensor is 384x288 Can be scaled up to 768x576
Power	PoE: typical 3.5w, max 12.95w

Router

Type	5G, WiFi, GPS
Carriers	All North American carriers Europe & Asia Pacific
Ethernet Ports	4
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	7-in-1 (GPS + 4 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 ($^{\circ}$ 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	35lbs.
Dimensions	32" x 14" x 8"
Operating Temp	-20 $^{\circ}$ C to 60 $^{\circ}$ C 0 $^{\circ}$ C to 50 $^{\circ}$ C optimal
IP Rating	66/67/68