

Sentry PODS Inferno-S

Sensor

Type	2x Flame Detector with Camera
Detection	<ul style="list-style-type: none"> ○ 40ms for fast fire burst or explosion ○ 1.5s for 1ft² N-Heptane pan fire at 100ft (30m) ○ 4s for 1ft² N-Heptane pan fire at 230ft (70m) Field of View: 90° Horizontal, 75° Vertical Time Delay: 0-30 seconds (adjustable) Built-in Test: Automatic and Manual
Weight	9.8 lbs.
Operating Temp.	-55°C to +75°C
MODBUS Comm.	RS485
Video Functionality	Clear images up to 100ft (33m) On-board recording of flame events, up to 1 minute before and up to 3 minutes after ONVIF Profile S Compatible
Power	18-32VDC, 24VDC Nominal

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

Server

Type	Compact Server
Power	19VDC@1.5A
Operating System	Windows 10
RAM	8GB DDR4 2400Mhz
Processor	Dual-Core Intel i3-8109U 3.0GHz
Hard Drive	128GB m.2 SSD (larger available)
Dimensions	4"x4"x2"

Monitoring

Type	Environment and Analog Input Monitor
Power	PoE: IEEE802.3af 6-12VDC@250mA
Monitoring	4 analog dry contact inputs (NO/NC selectable) Temperature and Humidity Real-time sensor data feeds IP Camera integration
Reporting	Email and Email-to-SMS Alerts Triggered NO/NC Relay

MODBUS Communication

Type	RS485 to Ethernet
Function	Convert RS485 MODBUS traffic to TCP/UDP traffic for Ethernet transmission, and vice versa

Enclosure

Material	Painted Steel
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
Weight	65lbs.
Dimensions	16" x 30" x 8"
Operating Temp	-20°C to 60°C 0°C to 50°C optimal
IP Rating	66/67/68

