

SENSAPHONE[®]

REMOTE MONITORING SOLUTIONS

Sentinel Pro

Technical Specifications



ALARM NOTIFICATION METHODS:

- E-Mail, Text Messages, Voice Phone Calls
- Programmable alarm escalation levels
- Comprehensive scheduling per input, profile, and alarm destination
- Unlimited number of User Profiles
- Multiple contact types per user

INPUTS:

- 12 Universal Inputs
- Normally Open / Normally Closed Dry Contact
- 2.8K / 10K Thermistor
- 4-20mA Current Loop
- Pulse Count
- 12 Bit Resolution

MODBUS:

- Modbus RTU via RS485
- Up to 64 registers

TEMPERATURE SENSING RANGE:

-109° to 168°F | -85° to 76°C

RELAY OUTPUT:

2 programmable relay outputs
Rated for 1A 30VAC/ 1A 30VDC

CELLULAR COMMUNICATION :

4G Cellular Modem for use on Verizon, AT&T or Rogers

DATA LOGGING:

- Unlimited samples securely stored on the Sentinel servers
- Programmable sampling Interval - 5 min to 24 hrs
- User programmable channel selection

BATTERY BACKUP:

- 4.8V 2000mAh NiMh Battery pack (included)
- 12V 3000 mAh SLA Battery (included)
- Provides 8 hours of backup

LOCAL INDICATORS:

- 12 Alarm Status LEDs
- Power LED • Online LED
- Standby LED • Ethernet link and Activity LEDs

POWER REQUIREMENTS:

- Power Requirement: 12-24DC
- Comes with 12VDC plug-in power supply
- International power options available
- Current Draw: 300mA at 24VDC

ENVIRONMENTAL:

- Operating Humidity:**
0-90% RH, non-condensing
- Operating Temperature:**
32° to 122°F | 0° to 50°C

PHYSICAL:

- Dimensions:**
12.5 x 12.2 x 7.0" | 318 x 310 x 178mm
- Weight:** 10.5lbs. | 4.7kg

STANDARDS:

FCC Part 15 – Class A Compliant

ENCLOSURE:

NEMA 4X rated plastic weatherproof enclosure

ANTENNA:

2G/3G/4G Frequencies: 698-960/1710-2700MHz

Peak gain: 5dBi

Pattern: Omni-directional

Height: 6.45" (164mm)

Diameter: 1.90" (48mm)

IP Rating: IP-66