

# SENSAPHONE®

## REMOTE MONITORING SOLUTIONS

Stratus EMS

### 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

- Number of Zones: 12
- Zone Connector: terminal block
- Zone Types:
  - N.O./N.C. contact
  - 2.8K Thermistor ( -109° to 115°F, -85° to 57°C )
  - 10K Thermistor ( -87° to 168°F; -66° to 76°C), and
  - 4-20mA ( -80,000.0 to 80,000.0
- Zone Characteristics: 28.7KΩ to 3.3V (temperature/contact) or 250 Ohms to ground (4-20mA)
- A/D Converter Resolution: 12 bits ±2 LSB
- Zone Protection: 5.5VDC Metal Oxide Varistor with fast acting diode clamps
- 24VDC Power: Up to 50mA per zone

#### MODBUS:

- Modbus RTU via RS485
- Modbus TCP
- Up to 64 registers

#### RELAY OUTPUTS

Two relays rated for 1A 30VAC/ 1A 30VDC Maximum

#### DATA LOGGING

- 5 minutes to 1 month sampling rate
- User programmable channel selection
- Zones 1 – 12 & 64 Modbus Registers
- Battery
- Input Power

#### LED INDICATORS

- Power: On steady when the unit is powered on.
- Ethernet Link and Activity LEDs
- Online
- Standby
- 12V Power Supply

#### COMMUNICATION TYPE:

- 10/100 BASE-T Ethernet with SSL encryption

#### POWER SUPPLY

- Power Supply: 12VDC 2.5A (90-264VAC 50/60Hz to 12VDC plug-in adapter w/6' cord included)
- Power Consumption: 24 Watts
- Power Protection: Metal Oxide Varistor
- Battery Backup: Internal battery backup 6V 7AH (Part #BAT-0035)
- 12V Output: Up to 500mA

#### ENVIRONMENTAL

- Operating Temperature: 32–122° F (0–50° C)
- Operating Humidity: 0–90% RH non-condensing
- Storage Temperature: 32°–140° F (0–60° C)

## **PHYSICAL**

Dimensions: 17.5" x 7.5" x 1.5" | 44.5 x 19 x 4.5 cm. Fits in 1U - 19" rack space.

Weight: 6 lbs. (2.72 kg)

Enclosure: Powder-coated aluminum enclosure for 19" rack mount.

## **COMMUNICATION PORTS:**

Ethernet 10/100Base-T

Serial RS485 for Modbus

## **BATTERY BACKUP:**

6V 7AH provides up to 24-hours of back-up/ 2-hours maximum powering 12-zones @24VDC/.050a

Output LEDs

## **LOCAL INDICATORS:**

12 Alarm Status LEDs

• Power LED • Online LED

• Standby LED • Ethernet link and Activity LEDs

## **POWER REQUIREMENTS:**

Comes with 12VDC plug-in power supply.

(International power options available).

## **STANDARDS:**

FCC Part 15 – Class A Compliant

## **ENCLOSURE:**

1U - 19" durable powder coated metal housing suitable for desktop or rack installation.