

# SENSAPHONE®

## REMOTE MONITORING SOLUTIONS

Sensaphone 1400 & 1800

### Technical Specifications



#### INPUT ZONES

**Number of Zones:** 1400 - 4, 1800 - 8

**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),  
4-20mA (-10,000.0 to 10,000.0

**Zone Characteristics:** 10K $\Omega$  to 5V (temperature/contact) or 237 Ohms to ground (4-20mA)

**A/D Converter Resolution:** 10 bits  $\pm 2$  LSB

#### RELAY OUTPUT

Rated for 2A 120VAC/ 2A 24VDC Maximum.  
Programmable for manual or automatic switching

#### LED INDICATORS

Zone Alarms (4 or 8), Sound, Power, Battery OK,  
Phone in Use, Output On, System On

#### MICROPHONE

**Internal:** for recording custom voice messages

**External (optional):** For listening in to on-site sounds and high sound level alarms

- Mic Connector: terminal block

#### POWER SUPPLY

**Power Supply:** 120VAC 50/60Hz / 15V (1800)  
12V (1400) wall plug-in transformer w/6' cord

**Power Consumption:** 5 Watts

**Power Protection:** Metal Oxide Varistor

**1800 Battery Backup:** 12V 2.2 AH sealed gel cell, provides up to 12 hours of battery backup.

**1400 Battery Backup:** 6V 1.3 AH sealed gel cell, provides up to 24 hours of battery backup.

#### PHONE INTERFACE

**Line RJ11 Terminal:** For connection to a two-wire analog telephone line.

**Extension RJ11 Terminal w/ Line Seizure:**  
For connecting other devices on the same telephone line, devices connected to this jack are disconnected in the event that the 400 must dial out for an alarm.

**Phone Line Protection:** Metal Oxide Varistor & self-resetting fuse

#### ENVIRONMENTAL

**Operating Temperature:**  
32° to 122°F | 0° to 50°C

**Operating Humidity:**  
0-90% RH non-condensing

**Storage Temperature:**  
32° to 140°F | 0° to 60°C

#### PHYSICAL

**1400 Dimensions:**  
12.1 x 7.3 x 4.5" | 307 x 185 x 114mm

**1400 Weight:** 5 lbs. | 2.2kg

**1800 Dimensions:**  
12.1"h x 8.0"w x 5.50" | 307 x 203 x 140mm

**1800 Weight:** 8 lbs. | 3.6kg

**Enclosure:** NEMA-4 rated plastic housing

