# Features & Specifications

## Features

### ADVANCED CAPABILITIES

- **6 Analog Inputs:**
  - Can accept any 4-20mA analog transducer.
  - Input range can be custom scaled to measure in real engineering units.
  - Thermistors can be connected directly to accurately measure temperature.

- **8 Dry Contact Inputs:**
  - Each channel can be normally open or normally closed.
  - Any input can be configured to accumulate run time.

- **2 Relay Outputs:**
  - Manually controlled through website.
  - Automatically switched when an alarm occurs.
  - Built in duplex pump control logic.
  - Alarms can automatically initiate an output response to a different location.

- **Alarm Notification**

  When an input channel detects an alarm, or out of range condition, there is an immediate communication from the Cell682 out to the redundant Sensaphone servers to process the alarm. The appropriate people are then contacted immediately by the Sensaphone servers using the following methods:
  - E-mail messages
  - Cell phone and pager text messages
  - Custom voice phone calls

## Specifications

| | |
|---|---|
| **Communications:** | GSM Cellelar Wireless Technology |
| | 90+% Wireless Coverage |
| **Inputs:** | 6 - Analog 4-20mA Inputs |
| | 8 - Contact Closure Inputs |
| | 2 - Relay Outputs |
| | Run Time Accumulation |
| | Temperature Measurement |
| **Alarm Delivery:** | E-Mail – SMTP |
| | E–mail Alarm Notification |
| | Text Message Alarm Notification |
| | Voice Phone Call Alarm Notification |
| | 24 - Alarm Notification Destinations |
| **Other Details:** | E-Mail – SMTP |
| | Website Programming Access |
| | 12VDC Power Requirement |
| | Duplex Pump Control Logic |
| | Peer to Peer Control Logic |
| | NEMA4X Enclosure Rating |
| | -30°C to 60°C (-22°F to 140°F) Operating Conditions |

## Ordering Information

Sensaphone CELL682
FGD-CELL682

**Accessories**

One Year Communication Service
FGD-CELL1Y

Pole Mount Kit
NA

**Monitoring Sensors**

2.8K Temperature
FGD-0100

2.8K Weatherproof Temperature
FGD-0101

10K Weatherproof Temperature
FGD-0102

10K Indoor Decorator Zone
FGD-0103

10K Immersion Temperature
FGD-0105

J Type Thermocouple/ 4-20mA
FGD-0220

Carbon Monoxide Sensor
FGD-0065

Air Quality
FGD-0066

Humidity 4-20mA Transmitter
FGD-0052

Spot Water Detector
FGD-0013

Zone Water Detector
FGD-0056

Magnetic Reed Switch
FGD-0006

Infra-Red Motion Detector
FGD-0007

Smoke Detector 110VAC
FGD-0049

Smoke Detector 110VAC with Battery backup
FGD-0049-B