

SENSAPHONE® ACCESSORIES

SENSAPHONE, INC. offers a full line of accessories and sensors to complete your monitoring system. The following is a description of all the Sensaphone accessories available through Sensaphone, Inc. Unless otherwise noted, these accessories can be used with all models of Sensaphone®.

FGD-0006: Magnetic Reed Switch: Usually installed on doors or windows to detect unauthorized entry.

- Triggers an alarm when door, window, etc. is opened.
- Normally closed, multiple sensors wired in series to one input.
- Dimensions: 2.5" x 0.75" x 0.5" (*terminal part*), 2.5" x 0.75" x 0.625" (*magnet part*)

FGD-0007: Passive Infra-Red Motion Detector: Used to monitor movement of warm bodies in a specific area.

- Causes dial-out when motion detected.
- Normally closed, multiple sensors wired in series to one input.
- Range: Approximately 40 feet, with 75° of coverage.
- Dimensions: 4" x 6" x 1.5"

FGD-0010: Accessory Hook-up Wire: Used to wire a sensor at a distance from a unit.

- 50' of 22-gauge wire.

FGD-0012: Output controller (CM-001): Provides one dry contact output during dialout, used with the Model 4100.

- Allows a manual override switch for the output signal and LED status.
- Range: Switches up to 2A at 30 VDC, or 1A at 110 VAC.
- Dimensions: 3.5" x 3" x 0.75"

FGD-0013: Water Detection Sensor: Detects the presence of water with two probes on its base.

- No mounting, just place it on the surface to monitor.
- Independently powered by internal lithium batteries.
- Dimensions: 2.25" x 1.125" x 3.625", plus 25' cable

FGD-0022: Temp° Alert: Used on a dry contact input to detect high and low temperature limits.

- Causes dial-out when temperature reaches high or low limit.
- Range: -30° to 130° F
- Dimensions: 6.25" x 3.25" x 2"

FGD-0023: ISOTEL Surge Protector: Used to protect the unit from high voltage surges through the AC line and telephone line.

- Features filter isolation and superior noise filtering.
- Dimensions: 6.5" x 2.5" x 3.5" with 6' cord and 3-prong grounded plug.

FGD-0027: Humidistat: Used to detect humidity levels.

- High or low (not both).
- Normality depends on application, multiple sensors may be wired in series or parallel.
- Range: 10% to 60% RH
- Dimensions: 4.375" x 2.75" x 1.5"

FGD-0049: Smoke Detector with Built-In Relay: Photoelectric smoke alarm, 120 VAC input via permanent connection.

- Two sets of dry alarm contacts (one form A, SPST; one form C, SPDT).
- Horn included.
- Tandem interconnect capability (maximum 20).
- Dimensions: 5.1" diameter x 2.5" ■ Weight 6.5 ounces

FGD-0051: 4-Conductor RS-485 Cable: 24 gauge communications cable for use with SCADA 3000 I/O modules.

- Sold by the foot.

FGD-0052: Humidity Transmitter: Low-profile transmitter with 10 point calibration accuracy.

- Bulk polymer resistive sensor: 3% accuracy from 20 to 95% RH. Typical drift: <1% per year.
- Output signal is field-selectable from 0-5 volt, 0-10 volt, or 4-20mA.
- Dimensions: 4.9" x 3.1" (12.4cm x 7.9cm) ■ Weight: 0.2 lb (0.9 kg)
- For use with Sensaphone Express II, Sensaphone 2000, SCADA 3000.

FGD-0053: 24V Power Supply for Humidity Transmitter (FGD-0052)

- Required when connecting the transmitter to a Sensaphone 2000.

FGD-0054: Power-Out Alert™

- Protects against power outages. Output is normally open.
- Plugs into any 110 VAC receptacle outlet for operation.
- Built-in 3-8 minute delay to guard against nuisance alarms.
- Dimensions: 2.25" x 2" x 3" (5.7 cm x 5.1 cm x 7.6 cm)
- Includes 15 ft of cable.

FGD-0200: Phonocell SX3e Cellular Phone: A cellular phone designed to allow telephone service for devices beyond the typical telephone handset, such as fax machines, modems, or Sensaphones.

- Frequency Ranges: *Receive*—869-894 MHz; *Transmit*—824-849 MHz
- Transceiver: AMPS—3 watts
- Dimensions: 9.7 x 7.2 x 1.7 ■ Weight: 2.7 lbs.

FGD-0201: 3dB Spike Antenna for Phonocell SX3e Cellular Phone

FGD-0202: 9dB Yagi Antenna w/17ft. coaxial cable for Phonocell SX3e Cellular Phone

FGD-0203: Power Supply for Phonocell SX3e Cellular Phone

FGD-0204: Power Supply with battery backup for Phonocell SX3e Cellular Phone

FGD-0205: Multipoint Wireless I/O System: A matched wireless transmitter/receiver that takes two contacts and one 4-20mA signal and replicates them up to 5 miles away. For connecting distant equipment to your Sensaphone without running cable.

- Spread-spectrum technology ensures reliable operation.
- No FCC license required.
- Transmitter and receiver come in matched pairs.
- Power supplies, cables and antennas included (additional antennas and cables available).

Temperature Sensors

FGD-0100: 2.8K Remote Temperature Sensor

- Measures temperature at a location away from the Sensaphone.
- Triggers alarm when temperature passes user-programmed high/low limits.
- Range: -20° to 150° F —4100 series, 1100 series
-60° to 175° F —Express, Express II, ISACC, 2000
- Dimensions: 2.5" x 0.75" x 0.75"

FGD-0101: 2.8K Weatherproof Temperature Probe (use with 1100 series, 4100, Express, Express II, 2000)

FGD-0102: 10K Weatherproof Temperature Probe (use with Express, Express II, 2000, SCADA 3000)

- Small probes, good general purpose devices for indoor/outdoor applications.
- Sensitive temperature element in a stainless steel housing with a moisture-resistant seal.
- Convenient mounting clip and 12' of wire included.
- Accurate to +/- 1°F (0.56°C) with a sensing range of -40° to 175°F.
- Dimensions: 2" long x 0.25" diameter

FGD-0103: 10K Indoor Decorator Zone Temperature Sensor (use with Express, Express II, 2000, SCADA 3000)

- Precision room temperature sensing in an attractive wall-mounted enclosure.
- Accurate to +/-0.36°F (0.2°C) with a sensing range of 35° to 140°F.
- Beige plastic enclosure, tan metal faceplate.
- Dimensions: 4.5" x 3.23" x 1.2"

FGD-0104: 10K Outdoor Air Weatherproof Temperature Sensor (use with Express, Express II, 2000, SCADA 3000)

- Sensitive temperature element.
- Stainless steel tube sheathe.
- Mounted inside ventilated, treated weather-resistant PVC shield minimizing radiant energy effects.
- Mounted on a weatherproof outlet box for easy outdoor installation.
- Accurate to +/-0.36°F (0.2°C) with a sensing range of -30° to 140°F.
- 8' of 24AWG wire included
- Dimensions: 9" x 3" x 2"

FGD-0105: 10K Immersion Temperature Sensor (use with Express, Express II, 2000, SCADA 3000)

- Waterproof for measuring the temperature of fluids inside a pipe.
- 304 stainless steel probe.
- Brass WEL-B thermowell (screws into customer-supplied 0.5" NPT saddle or Thredolet® fitting in pipe).
- Fits into thermowell via brass 0.125" NPT fitting.
- Accurate to +/-0.36°F (0.2°C) with a sensing range of 10°F to 230°F.
- Includes 8' of 24AWG wire.
- Dimensions: Thermowell 5.125", Sensor in well 6.5"

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