

SENSAPHONE®

REMOTE MONITORING SOLUTIONS

Sensaphone SCADA 3000

Industrial Monitoring



ASSURANCE

COUNTLESS INDUSTRIES DEPEND ON SENSAPHONE FOR THE MOST COMPREHENSIVE REMOTE MONITORING SOLUTIONS AVAILABLE. WHEN YOU NEED TO BE ABSOLUTELY SURE A REMOTE SITE IS STABLE, SECURE AND MONITORED AROUND THE CLOCK, THERE'S NO SUBSTITUTE FOR CERTAINTY.

Easy to use – everyday

The Sensaphone SCADA 3000 comes complete with all the software you'll need. And there's free tech support too.

We've got a sensor for that

Sensaphone has a sensor for monitoring everything from climate conditions to security and more.

Your business is our business

With over 400,000 systems installed worldwide, we've put Sensaphone to the test in just about every application imaginable.

Suggested Applications



Groundwater Remediation

Monitor and control your groundwater remediation process. Communicate remotely via its internal modem to make programming changes, receive automatic reports, or download processing history.



Water & Wastewater

Use your Sensaphone SCADA 3000 to monitor tank levels, flow rates and other conditions in water and wastewater applications.

Sensaphone SCADA 3000

Features and Specifications

Power

A hard-wired power supply with available battery-backup system.

LCD

LCD display gives a quick visual status.

Inputs

Accept three different input types – Normally Open or Normally Closed contacts, 4-20mA Transducers, or 10K Type Sensors. A wide range of sensors are available.



Output

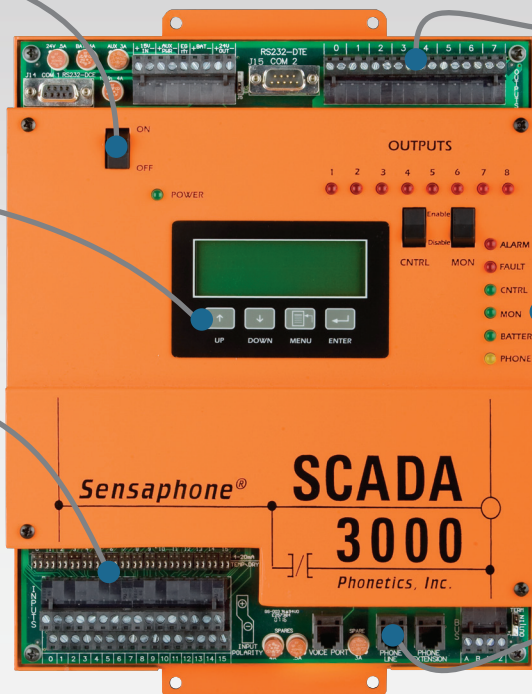
Eight relay outputs are available to control equipment and processes using custom Ladder Logic or computer program written in the C programming language

Datalogging

Fully programmable time stamped data comes standard. Internally log and store data, and produce reports

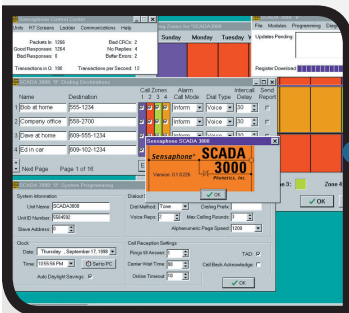
Phone Line

Call up to 64 different phone numbers when an alarm has been detected.



Software

Comes with a powerful software system complete with real-time screen builder, program editors, alarm functions, and a communications manager. Users can program units, develop ladder and C-programs, retrieve data, analyze log events, and print a variety of reports. .



Expansion

Expand the capabilities of the SCADA 3000 by adding additional modules. Outputs can be expanded to add more relay channels, or 4-20mA analog output channels. Additional modules can expand up to a total of 144 I/O points.



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REMOTE MONITORING SOLUTIONS

Sensaphone SCADA 3000

Technical Specifications



INPUT ZONES

Number of Zones: 16 standard | Expandable to 144

Zone Connector: terminal block

Zone Types: N.O./N.C. contact,
10K Thermistor (-80° to 300°F; -62° to 149°C)
4-20mA (-10,000.0 to 10,000.0)

Zone Characteristics: 10KΩ to 5V (tempera-
ture/contact) or 237 Ohms to ground (4-20mA)

A/D Converter Resolution: 12 bits ±2 LSB

Zone Protection: Metal oxide varistor and fast
acting diode clamps

INPUT MODULES

Universal Input Module, Pulse Count Module,
Relay Output Module, Analog Output Module

RELAY OUTPUT

Number of Relays: 8 standard

Rated for 2A 120VAC/ 2A 30VDC Maximum.
Programmable for manual or automatic switching

LED INDICATORS

Alarm, Fault, Power, Battery OK, Phone in Use,
Output On (8), Monitor Control

POWER SUPPLY

Power Supply: 15VDC Required (Power
Supplies Available)

Power Protection: Metal Oxide Varistor

Battery Backup: 12V sealed gel cell (optional)

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 tele-
phone line, devices connected to this jack are dis-
connected in the event that the unit must dial out
for an alarm.

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

ENVIRONMENTAL

Operating Temperature:
32° to 158°F | 0° to 70°C

Operating Humidity:
0–90% RH non-condensing

Storage Temperature:
32° to 158°F | 0° to 70°C

PHYSICAL

Dimensions:
9.4 x 12.2 x 2.0" | 239 x 310 x 51mm

Weight: 3lbs. | 1.3kg

Enclosure: Aluminum with mounting flanges for
wall or panel installation.

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