



# Electronic Sensors, Inc.

## Satellite Communications -SAT Option

### DESCRIPTION

**D**esigned for the 9023A Tank Teller II, 9032A Reporter II or 9035(A—H) Tank Monitor II Remote Telemetry Unit (RTU), the Satellite Communications Option allows the RTU to transmit level data and to receive commands using satellite communications. Ground communications is via Internet email to or from any location in the world. The interpretation of the data and formatting of the commands is done using Electronic Sensors' **Level Devil**® software with satellite communications enhancement package.

### OPERATION

**T**he RTU formats the data received from the sensor(s) and passes the formatted data to the Satellite Communicator (SC). The SC passes the data through one of 64 satellites to one of several ground stations. The data is then sent to Orbcomm Command Center where it is metered and transmitted, via the Internet, to the specified recipient. The satellite communications enhancement package converts the email to the **Level Devil**® standard format where it is available for user viewing.

### SPECIFICATIONS

#### Monitoring Capability

Depends on RTU used:

Tank Teller II, 9023A-SAT; 1 to 99 Tanks

Reporter II, 9032A-SAT; 1 to 6 Tanks

Tank Monitor II, 9035(A—H)-SAT; 1 Tank

#### Operating Temperature

-20°F to 140°F

#### Input Power

120/240VAC 50/60 Hz 100 watts

Single phase

#### Display

Uses RTU to Display Satellite Communications link status

#### Weight

20 lbs.

#### Dimensions

11.87 H X 11.87 W X 6.89 D (inches)

#### Enclosure

NEMA 4, 4X, 12, 12X



**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE**

**Electronic Sensors, Inc.**

**1611 W. Harry**

**Wichita, KS 67213**

Rev. 05/02

Phone: 316-267-2807

Toll Free: 800-886-2511

Fax: 316-267-2819

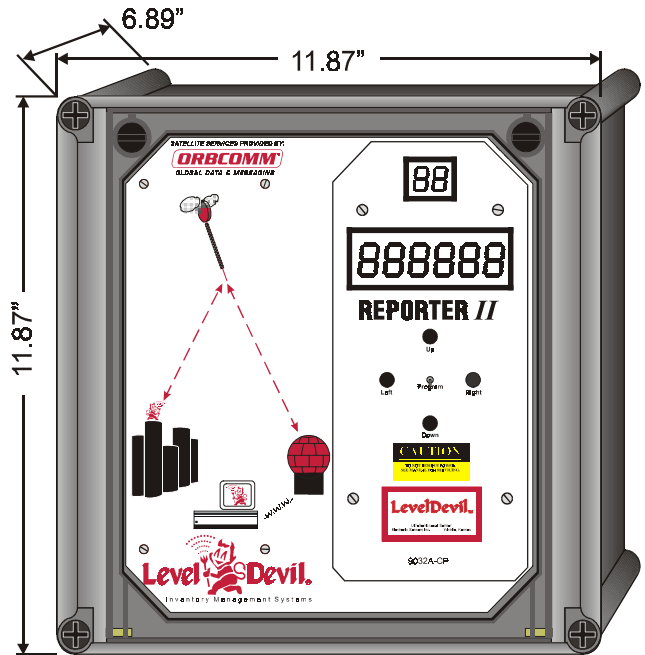
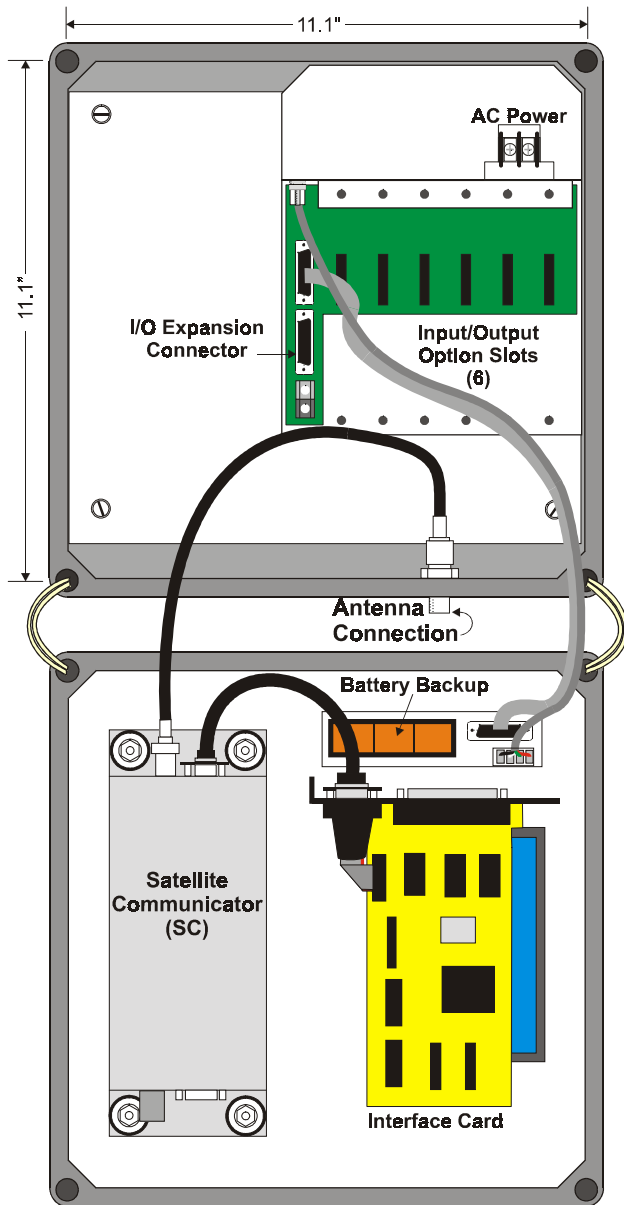
Email: [leveldevil@leveldevil.com](mailto:leveldevil@leveldevil.com)

Home Page: [www.leveldevil.com](http://www.leveldevil.com)

**Level Devil**®  
Bulk Inventory Management Solutions

# Satellite Communications Enhancement Unit

## INSIDE / FRONT VIEWS



## SUPPORTING SOFTWARE

### Level Devil®

See separate specification sheet.

### Email Receiver

Mfg. by Electronic Sensors, Inc.

Both packages are necessary for remote viewing of data.

Custom Interfaces are available. (Contact factory).

## HOW TO ORDER

Add the -SAT option to any one of the supporting RTU units.

9023A-CP-SAT

9032A-CP-SAT

9035x-CP-SAT

### Electronic Sensors, Inc.

1611 W. Harry • Wichita, KS 67213  
Phone: 316-267-2807 • Fax: 316-267-2819

Toll Free: 800-886-2511

Email: [leveldevil@leveldevil.com](mailto:leveldevil@leveldevil.com)

Home Page: [www.leveldevil.com](http://www.leveldevil.com)

Your Area Representative:

