SIT65 Satellite Internet Telemetry
Satellite Internet-Based Data Acquisition and Control

Description

Global Water's SIT65 Satellite Internet Telemetry provides the easiest and most economical way to collect environmental data remotely. The remote telemetry system uses the latest satellite and Internet technologies to bring data to your computer in near real time. The system includes a data transmitter and a rechargeable battery enclosed in a rugged, rain proof, and lockable enclosure; a ground-to-satellite antenna; and mounting hardware.

Flexible Inputs and Outputs

The SIT65 system will interface with most sensors, including all of Global Water's rugged 4-20 mA sensors. The system includes up to eight analog inputs, five factory programmable status/accumulator inputs, and up to five open collector outputs.

Simple Installation and Operation

The SIT65 is simple to set up and operate: just hook up your sensors, point the antenna to the sky, and turn on your telemetry equipment. Satellite service is available anywhere in the world. Data is transmitted based on programmed time intervals and/or alarms and is transferred via satellite and Internet to a dedicated web page. You can monitor and collect data anywhere you have web access.

Power Options

The SIT65 includes a 5 AH gel cell battery and a NEMA 4 enclosure. For long term AC power, we recommend the AC Charger. We also offer solar panels to support your remote installation. A Smart Charger is recommended for all solar powered installations.

Features

- Remote data and control guaranteed!
- Receive data by Internet
- Near real time data and control
- Text alarms to your cell phone or e-mail
- Easy installation
- Low cost/economical

Specifications

Inputs	Up to 8 analog (4-20mA, 0-1mA, 0-500uA, 0-5VDC or 0-10VDC)
	Up to 3 digital status or accumulator inputs
	Dedicated Battery Voltage Monitor
Outputs	Up to 2 open collector control outputs
Power Supply	12V 5AH Gel Cell
Current Draw	5mA minimum standby
	80mA receiving
	2A transmitting
Operating Temperature	-40° to +140°F (-40° to +60°C) Battery may not apply
Humidity	0-100% non-condensing
Antenna Cable	16' standard
Dimensions	Interior: 10 x 12 x 6 in (25.4 x 30.5 x 15.2 cm)
	Outer Lid: 12 x 14 in (30.5 x 35.5 cm)
Weight	21 lbs (9.5 kg) shipping weight

Ordering & Options

Order No.	Description
SIT65	Satellite Internet Telemetry [1]
FM0100	Subscription Service
SIT65-CBL	Additional Antenna Cable
FE0400	AC Charger [3]
BC100	Smart Charger [4]
SP101	Solar Panel (2 watt)
SP102	Solar Panel (5 watt)

1) Includes a transmitter, antenna with 16' cable, rugged NEMA 4 enclosure, a rechargeable 5 AH gel cell battery, and mounting hardware.

2) Subscription service costs can vary. Please call us for pricing.

3) Use the AC Charger for continuous AC operation to maintain the charge to your SIT65's battery.

4) A Smart Charger is recommended for all solar panel installations.

Regional Distributor

Global Water
The Leader in Water Instrumentation

803, Riqqa Palace Building
Al-Maktum Ave. opposite Deira Etisalat
P.O.Box 181802 Dubai, UAE
Tel: +9714 - 2270081
Fax: +9714 - 2239962
E-mail: rcsco@eim.ae
www.rcs-co.com

rcs
Rabbit Control Systems
Automation & Control Engineering