



Mitec SatelLite60 GSM logger



Mitec SatelLite60

Compact battery-operated GSM logger for
remote monitoring in industry and environment



Temperature · Pressure · Flow · Level · Current · Energy · Voltage · RPM · Run-time · On/Off

Satellite60 GSM logger

- Data logger with integrated GSM modem
- Battery-operated, extremely low power-consumption
- Alarm, measuring values and control output using SMS
- Radio modem as option
- Power supply of sensors
- Measures pressure, level, temperature, flow, pH, electricity/power, current, voltage, pulses etc.
- 1 to 9 measuring sensors connect directly
- IP65 enclosure in aluminium, steel or plastic

System features

Mitec's GSM measuring system with Satellite60 has a number of advantages over traditional work methods:

- Compact and cost-effective GSM measuring stations with integrated logging functions and alarm
- Detailed analysis and trend tracking
- Local data logging for data transfer to measuring server. Measuring can be controlled and changed from the computer.
- Use mobile phone for alarm, measuring values and control
- Independent of mains power and fixed telephone network, battery-powered with power to sensors.
- Complete measuring server with Mitec's server program Mitec Monitor
- Mitec's measuring service **it-sensors™** can manage system operation and deliver measuring data via Internet

System for monitoring and measuring with GSM

Satellite60 is Mitec's new generation of data loggers for wireless measuring technology. Mitec's system opens new possibilities for remote monitoring of machines and equipment using mobile phones, Internet and PC.

A field-based system

Satellite60 is based on 20 years experience with field measurement equipment in industrial, climate and environmental applications. Satellite60 is independent of fixed power and telephone networks which simplifies operation and opens completely new possibilities. Extremely power-efficient, it can run for up to half a year on a set of flashlight batteries, including GSM modem and sensors! Satellite60 is available with a range of enclosures. Radio modem is also available for local measuring systems.

Mobil phone is your display

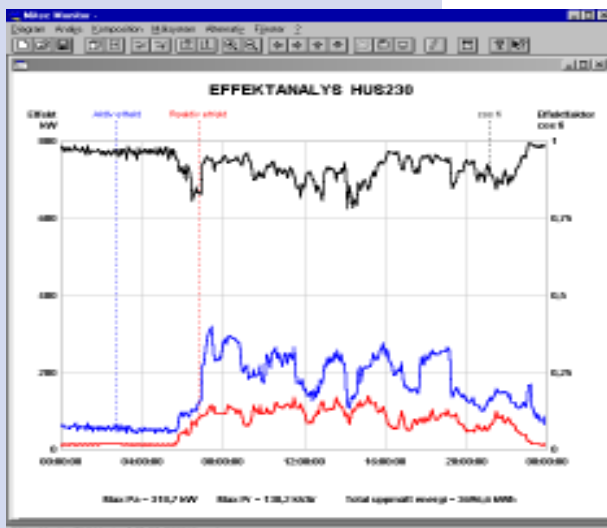
Satellite60 sends an alarm directly to a mobile phone when a limit is exceeded. Measuring data can be sent automatically as SMS, also requested by sending a SMS. Satellite60 has outputs for controlling on and off. Functions in Satellite60 are set remotely from PC using Mitec's PC program.

Collect and present measuring data

Satellite60 logs continually and measuring data can be presented either:

- via it-sensors.com - Mitec's measuring service on Internet (see back page of this brochure), or

- using your own PC with measuring server program Mitec Monitor. Mitec Monitor is a measuring server program for everything from one to several hundred measuring stations. Monitor automatically collects data from measuring stations and sends trend alarms via SMS and e-mail. Monitor has advanced analysis tools and can automatically publish measuring data and statistics on your network or export to your website.



Satellite60 GSM loggers

The Satellite60 range is available in a range of designs suited to different applications.

K Aluminium enclosure

Compact enclosure in extruded aluminium with protection-class IP65. External antenna contact. For DC-power supply 6-45V. Fixed cable for connecting measuring sensors and power supply.

S Industrial cabinet

Wall-mounted steel cabinet with lockable door. For mains power supply 80 - 230 V, 50/60 Hz.. External antenna contact. Screw connection-block for sensor connection. Battery power-supply optional.

P Plastic enclosure

Compact plastic enclosure with protection class IP65 and inbuilt antenna. For DC-power supply 6-45V. Fixed connection cable for sensors and power supply.

M Portable measuring station

Environmental measuring station with IP65 enclosure for fixed or portable use. Integrated batteries with long life-length. Screw connection-block for sensors.

B Well enclosure

Special enclosure for measuring in environmental wells, measuring station, batteries and sensors are mounted inside well pipe. Enclosure fits directly in lockable standard lids and is protected from view and external influences. Protection class IP65, cable throughput for level sensors. Design is patent-protected.

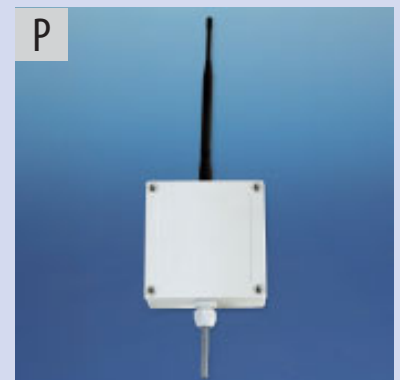
OEM Circuit board for integrated applications

OEM-model for integration in other equipment.
Available in different designs.

Accessories

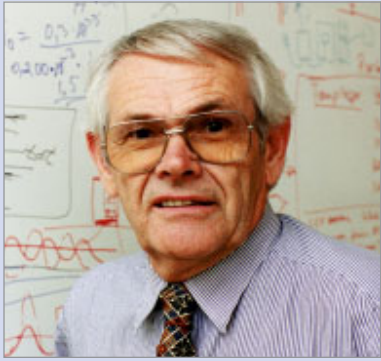
A wide range of accessories are available for the Satellite60 system.

- Antennas in different designs
- Battery system and power supplies
- Radio modem
- Measuring sensors
- Measuring server software
- Measuring service



Would you like to be on our mailing list? Send an e-mail to info@mitec.se.

» Our web measuring service does the monitoring for you



Mitec references

Mitec's products and systems are used by many companies and organisations including:

ABB Fastigheter, Affärshälsan, Alfa Laval AB, Arbetsarkyddsstyrelsen, Astra Pharmaceutical AB, Autoliv AB, Boliden Mineral AB, Carrier AB, Casco Nobel AB, Danfoss, Draco AB, Eka Chemicals AB, Ericsson Cable AB, ESAB, Findus AB, FM Mattson, Forbo-Forshaga AB, Frigoscandia AB, Gislaved AB, Gotlands Militärkommando, HSB, Honeywell, Hägglunds Drives AB, Industriventilation AB, IFÖ Chemicals AB, Iggesund Paperboard AB, INU Control AB, IVL, JM Bygg, Kommunhälsan, Korrosionsinstitutet, Kronfågel AB, KTH, Lear Corporation, Pharmacia & Upjohn Biotech AB, Riksbyggen, Riksdagens Förvaltningskontor, SAAB Automobil, SAS, Skanska, Statens Provningsanstalt, Svenska Marinen, Systembolaget, Sycon Energikonsult, Telia, Teracom, Tetra Pak, Uppsala Universitet, Universitetssjukhuset Lund, Vattenfall, Volvo Personvagnar AB, Vägverket, Wasabröd AB and Ångpanneföreningen.

Data acquisition from sensor to Internet

Since 1982, Mitec has been developing and manufacturing measuring instruments and IT-solutions for function analysis and data acquisition.

Mitec's measuring system has unique performance, is easy to use and includes all components from sensor to Internet.

- Data loggers
- GSM measuring stations
- Measuring sensors
- Analysis software
- Measuring server
- Measuring service on Internet, it-sensors.com



1

Measuring station

Connect your sensors to a fixed or portable Mitec GSM measuring station (we can also deliver sensors).

You own the measuring station and we collect the data for you via our measuring server.



2

Internet

Log in on www.it-sensors.com using your private password via Internet Explorer.

Your graphs and statistics are updated regularly on your private site for a low monthly cost.



3

Mobile phone

Alarm and measuring values are sent to your mobile phone.

Check measuring values and switch equipment on and off from your phone.

Try yourself!

Go to www.it-sensors.com and login using the id "acme" and pw "demo".



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