



DS-4483 Datalogger



- Integral keypad and backlit LCD display
- Integral low speed modem
- Extensive alarming capability
- Data Extraction via RS232, Radio, PSTN/Cellular, or CDMA/GPRS with external modem
- Solid, compact and rugged "Overbuilt" enclosure

Description

The DS-4483 has been designed and constructed using technology appropriate to the unit largely being used in harsh outdoor and industrial environments. It has gained wide acceptance and is in use for a variety of applications including environmental monitoring, flood warning, barrage gate control, flood pump monitoring and control.

Ample storage is provided through 1MB of non-volatile flash memory and a wide range of instrumentation I/O options are supported. Data extraction via radio, PSTN and cellular is supported by the built-in FSK-DPSK modem. GPRS and CDMA are supported via an external modem and data can also be extracted directly using the RS232 serial port.

Specifications

- Resolution:* 12-Bit
- Processor:* 33MHz microcontroller
- Memory:* 125,000 samples, 1MB of non-volatile flash memory
- Sample Intervals:* 1 minute to 3 weeks
- Display:* 2 lines x 40 characters LCD
- Channels:* 8-Analog Inputs (0-5V), 3-Analog Outputs, 4-Digital Inputs, 4-Digital Outputs, 1-Relay Output, SDI-12 (up to 20 SDI-12 sensors)
- Alarms:* 6 per sensor
- Clock:* Real time clock and calendar.
- Enclosure:* Hard anodized corrosion-resistant aluminum alloy.
- Power Supply:* 12 V DC (Not included.)
- Current Draw:* 76mA at 13.8V DC input under normal operating mode, maximum 202mA with LCD fully on.
- Operating Temperature:* 32°F - 158°F (0°C - 70°C), 20% - 95% R.H (non-condensing)
- Size:* 8-7/8"x4-5/8"-1-7/16" (226mmx117mmx36mm)
- Weight:* 3 lbs (1250g)

Price List

- DS-4483**
Wireless datalogger.....\$ 2175
- FP0575** Wireless Datalogger Kit W/ Solar Panel.....\$625
Includes heavy-duty rugged, lockable enclosure, 5W 300mA min. solar panel, smart charger, and two 12V 4.5Ah batteries.
- FP0020** iCE GPRS Modem for Wireless Datalogger...\$432
NOTE: iCE GPRS modem only works in areas with existing cellular coverage.
- FP0040** Wireless Data Logger Interface Cable.....\$23
NOTE: Required to connect DS-4483 wireless data loggers with iCE GPRS Modems.
- FP0635** Wireless Data Logger Antenna Kit.....\$68
NOTE: For GPRS modem wireless Internet telemetry only.

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