

DATA LOGGER

Cost effective, low power, self contained GPRS based data logger for telemetry data acquisition.

UTILITY AREA

- Rainfall measurement
- Temperature/Humidity measurement
- Wind speed and direction measurement
- Analog sensors measurement

IDL-M data logger is equipped with built in GPRS communication capabilities. It can measure, log and transmit wind speed, wind direction, humidity, temperature and rain fall data along with 4 analog channel data. Inbuilt 4 GB micro SD card keeps lifelong data log. Data is transmitted over a pre defined server on regular intervals and could be collected manually on a standard pen drive. Data, status and configuration settings are displayed over a 20X2 LCD display. Inbuilt MPPT charger provides efficient and fast charging to Li-Ion Batteries.



SPECIFICATION

Sensor Input

Analog: 5(0-3.3 Volt)
Digital: 2(pulse Counting)
I2C:..... 1 (RHT Sensor)

DATA Storage and Transfer

GPRS	USB
Micro SD CARD	Serial Port

POWER

6Ah Lithium battery
5 watt Solar Panel

Backup

More than a week in single charge