

WDL-1M

Application

- Environment monitoring
- Agriculture
- Hydrology
- Meteorology
- Standalone weather station
- Marine weather



WDL-1M, is an easy to use and affordable data logger. It is designed to measure common metrological and agriculture sensors and log the data in its flash memory. The general purpose data logger supports up to 9 measurements with its sensor interface. WDL-1M includes a SD memory slot for downloading data. Data loggers can be used stand-alone or can be connected with wireless connectivity option using GPRS.

Specifications

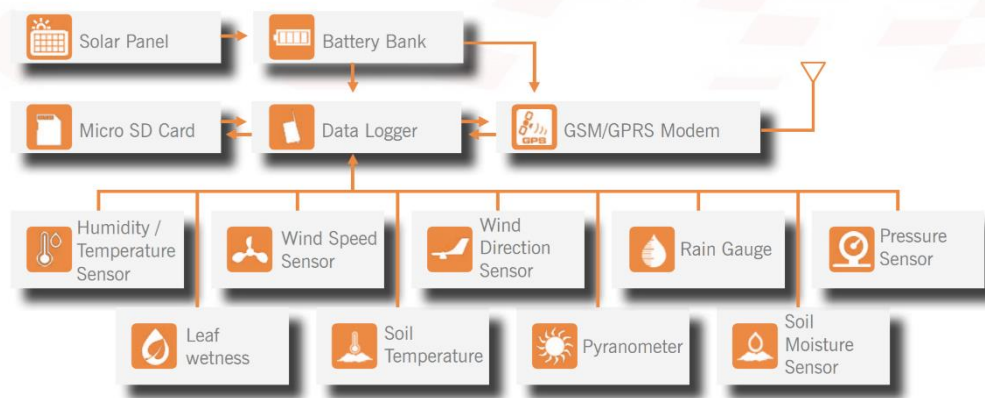
Physical / Environmental

- ✓ 120x50x30mm
- ✓ Operating 0°C to +60 °C, 0% to 100% RH
- ✓ Material: UV stabilized ABS Plastic
- ✓ SMA-M antenna connector (50 Ohm)
- ✓ Push insert-SIM card bay
- ✓ Watchdog (monitoring and auto recovery)
- ✓ PV input 12V
- ✓ Lithium-ion power backup battery

Inputs

- ✓ 5 (0-3.3V) analog input (12 bit resolution)
- ✓ 2 digital inputs (Rain & wind speed)
- ✓ SPI, I2C, UART interface
- ✓ 8GB data storage capacity
- ✓ Programmable sampling interval and alarms
- ✓ IP65 (NEMA 4) enclosure
- ✓ RTC with better than 1 minute/month drift

BLOCK DIAGRAM



Whirlybird Electronics Pvt Ltd
B-208, Shripal Industrial Estate
Waliv, Vasai-E
Palghar, Maharashtra
INDIA

WHIRLYBIRD
www.whirlybird.in
contact@wbe.in

