

WATER

WATERLOGGER® EWS 2

Basic features

- Telemetry system for early warning and data transfer from sensors and many other hydrogeology a meteorology sensors
 - Compact and sturdy casing
 - Tripple data backup
 - Two-way remote communication GSM / GPRS
 - Directing data to email, FTP or EnviroDATA® application
 - Automatic atmospheric pressure compensation by means of inbuilt sensor
 - Warning SMS messages when exceeding limit levels sent up to 16 telephone numbers
 - Sending current measured data on demand by SMS
 - Configuration via USB
 - Interface (RS232, RS232/485)
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- Typical use : Water level measurement, temperature and electrical conductivity of surface and ground water, limnigraphic stations and anti-flooding measures, meteo stations with soil sensors, pumping tests



Envirodata®

- Web application for easy measured data management
- Easy data access from any computer
- Clear data display, processing and export
- Parameter changes through Internet



Technical specification

Single ended analog inputs:	4 inputs, 2,5 V range, 12 bit interface
Diferencial analog inputs:	4 inputs, ± 19 mV, 0-2,5 V range, 24 bit diferential interface
Digital inputs:	4 inputs, 0-2 kHz, max +15 V
Serial interface:	RS232, RS232/485
Internal sensor:	Integrated barometric sensor
Conversion to engineering units	Third grade polynom
Number of polynoms:	16
MeasInterval range:	10 to 3600 s
LogInterval range:	10 to 3600 s
ModemInterval range:	0,1...24 h (data transfer)
Internal memory:	4 MB for data
Internal modem:	Four band GSM / GPRS modem
Data transfer type:	email, FTP
Configuration interface:	1x RS232, 1x USB
Sensor power supply:	1x switched power supply voltage for sensors, 1x 2,5 V switched power supply
System EWS:	16 alarms (set up condition – lower, higher, spa levels, floating aggregate rainfall)
Telephone nbrs.for SMS:	16
Power supply:	4 - 24 VDC
Charging method:	Solar panel, adaptor 230 VAC / 12 VDC
Dimensions and protection:	178 x 143 x 56 mm, IP65
Temperature range:	- 40 °C to + 60 °C