

WE500

3G | 2G | SMS | WEB



water



energy



gas



industrial



home automation



m2m



WE500 It's a flexible, full featured and high performance solution for unmanned 2G/3G wireless remote monitoring and diagnostics, data logging and system control.

ALL IN ONE...

The WE500 includes a GSM/GPRS or UMTS/HSPA modem, a data logger, an embedded WEB server and a wireless remote control system accessible through smartphone and tablet apps and PC browsers

● REMOTE CONTROL

Remotely manage the status of a system: switch on/off, parameter modification and set-points

● MONITORING

Be aware of a system status by continuously observing any changes that may occur over time

● DATA LOGGING

Periodically record data and events of a system over time

IT'S... STANDALONE

Only a power source and a data enabled SIM card are needed to operate the device

IT'S... UNMANNED

No local interaction with a human operator is required

IT'S... WEB BASED

Device programming and operation are totally web based – a web interface is provided internally by the device




we
control
TECHNOLOGY

NETHIX
WE CONTROL

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ONE FOR ALL...

The WE500 is the ideal solution for the remote control and monitoring, for data logging and telemetry in many application fields such as:

● Industrial application and M2M

Vending machines – Weather monitoring and telemetry – Access control – Plant monitoring and data logging – Motors and pumps – Tanks, silos and storage facilities – Industrial refrigeration

● Water

Water leak monitoring – Remote pump control – Water treatment plants – Irrigation and greenhouse management – Hydroelectric power stations

● Home and building automation

Heating and air-conditioning systems – Gate opening systems – Lighting – Doors and windows opening systems

● Gas management

Wireless meter reading – Cathodic protection

● Energy

Solar farms – Wind power stations – Energy generators – Power supply control

TECHNICAL FEATURES

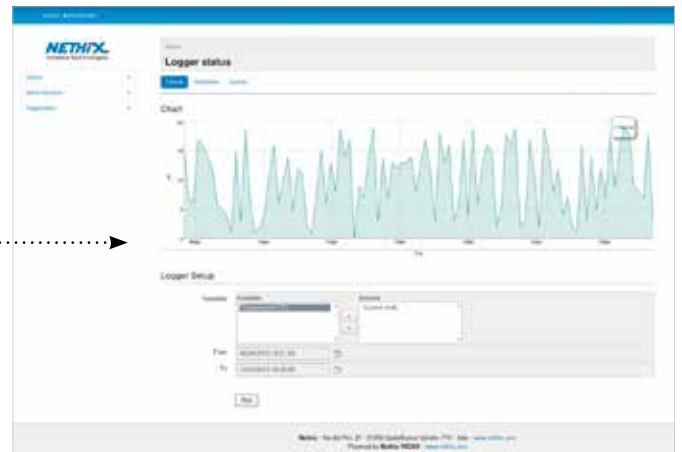
- 2 RS232 serial port on-board
- 1 RS485 serial port on-board
- 8 digital input (expandable)
- 2 digital output (expandable)
- 2 analog input (0-5V 0-10V 0-20mA / NTC, expandable)

NETWORKING AND STORAGE

- Modem 2G GSM/GPRS or 3G UMTS/HSPA
- Ethernet 10/100 Mbit/s on RJ45
- 1 GB internal memory flash expandable through external USB devices

OPTIONAL ACCESSORIES AVAILABLE

- PS500 switch mode power supply for WE500
- UPS500 switch mode power supply with battery pack
- XP500 modbus I/O expansions
- Optional USB Host type A for expanded storage
- Optional WiFi and Bluetooth



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