

# we500

3G | 2G | SMS | WEB



water



energy



gas



industrial



home  
automation



m2m



**we500** It's a flexible, autonomous and high performance 2G/3G wireless solution for remote monitoring, control and data logging systems.

## ALL IN ONE...

The WE500 includes a GSM/GPRS or UMTS/HSPA modem, a built-in WEB server and a wireless remote monitoring and control system accessible through mobile device apps and PC browsers

### ● REMOTE MANAGEMENT

Control a system status remotely: modify set-points and change system configuration

### ● MONITORING

Monitor 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 configuration and operation are totally web based using the built-in web server

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**NETHiX**  
WE CONTROL

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## ONE FOR ALL...

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

### ● Industrial application and M2M

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

### ● Water

Water leakage – Liquids level – Water treatment plants – Irrigation and greenhouse management – Hydroelectric power stations

### ● Energy

Solar farms – Wind plants – Energy generators – Power supply control

### ● Home and building automation

Heating and air-conditioning – Gates and windows opening systems – Lighting

### ● Gas management

Wireless meter reading – Cathodic protection

## TECHNICAL FEATURES

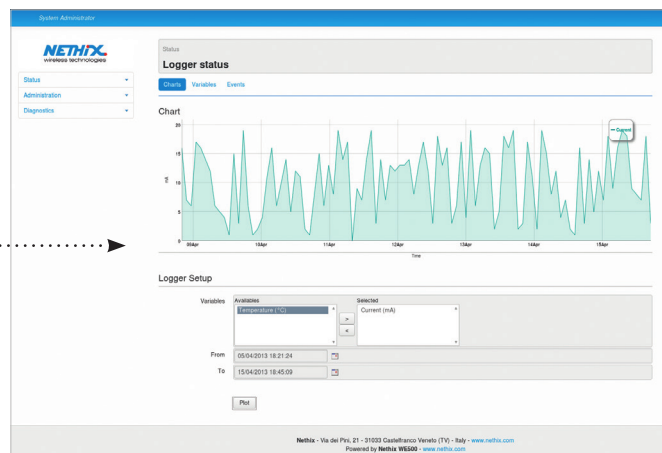
- 2 RS232 serial port on-board
- 1 RS485 serial port on-board
- 8 digital input (expandable)
- 2 digital output (expandable)
- 2 analog input (0-5V 0-10V 0-20mA / NTC, expandable)
- Modbus support: RTU and TCP
- Advanced alarms management
- Reliable data logging
- Data sending to the cloud
- Encrypted connectivity

## NETWORKING AND STORAGE

- 3G UMTS/HSPA or 2G GSM/GPRS modem
- 10/100 Mbit/s RJ45 Ethernet

## 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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