

Netbiter® WS100/WS200



- Built-in web server for accessing remote data
- Alarm & Status handler (notifications via SMS, E-mail and SNMP)
- Data logging with graphical trend graphs
- Easy configuration using onboard web pages
- 10/100 Mbit/s Ethernet
- Available with built-in quad band GSM/GPRS Modem
- Password restricted access control
- No licenses / royalty
- Built-in digital I/O
- Transparent gateway between serial Modbus RTU to Modbus TCP Ethernet

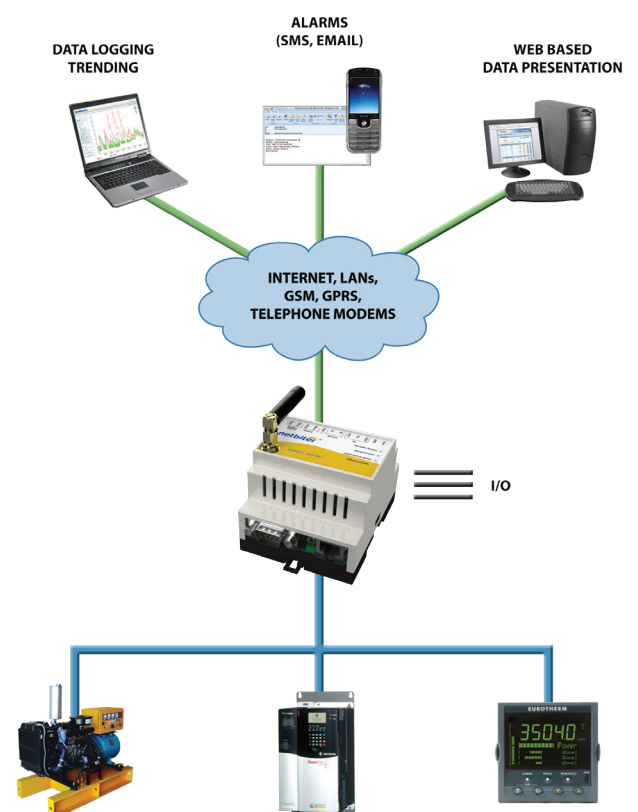
The **Netbiter® WS100 and WS200** is a series of industrial gateways that gives full access to remote devices in a flexible and user friendly way. The products contain onboard web pages to monitor and control remote devices and can easily be accessed over an Ethernet LAN. To access the remote devices over Internet or GPRS the built-in support for the Netbiter Argos (www.netbiter.net) is perfect to make the installation easy over Internet or over wireless networks (GPRS).

The solution supports any serial Modbus RTU and Ethernet based Modbus TCP equipment.

The gateway contains built-in features such as alarm handler (SMS, Email and SNMP), data logger (with trend graphs) and configurable web pages for monitoring and control (read/write) data from remote devices.

The solution is suitable with many applications such as generators, power stations, motor drives, building control, pump systems, chillers, compressors, temperature controllers etc.

The Netbiter® WS100 and WS200 has support for built-in Ethernet and GSM/GPRS and also support for external Telephone modems and GPS tracking devices.



All configurations are easily done via built-in web pages. The use of Netbiter Device Templates makes configuration easy without detailed knowledge about Modbus. A Device Template is a configuration file that describes the device data and its properties.

The products also act as a transparent gateway that bridges data between serial Modbus RTU and Ethernet Modbus TCP. This allows Ethernet based supervisory SCADA or PLCs to access the remote devices simultaneously as the onboard web pages can be access.

Netbiter Argos compatible

The products support communication to the Netbiter Argos (www.netbiter.net).

The Netbiter Argos provides access easy over Internet as no public/static IP number is needed and the solution is able to easily pass firewalls in a secure way. All data can be stored at the Netbiter Argos allowing user friendly alarm management, data logging, trend graphs, reports, map support and much more.



Order information

Plastic housing
WS100



Metal housing
WS100-M



Plastic housing
WS200



Technical Specifications

Order code	WS100	WS100-M	WS200
Ethernet	10/100 Mbit/s	10/100 Mbit/s	10/100 Mbit/s
GSM/GPRS	NO	NO	YES
Serial port #1	RS-232	RS-232	RS-232
Serial port #2	RS-232 / RS-485	RS-232 / RS-485	RS-232 / RS-485 / RS-422
Serial port baud rate	Up to 115,2 kbit/sec	Up to 115,2 kbit/sec	Up to 115,2 kbit/sec
Protocol	Modbus RTU, ASCII, TCP/IP	Modbus RTU, ASCII, TCP/IP	Modbus RTU, ASCII, TCP/IP
Type of housing	Norm, 4 modules, IP20	Metal, IP20	Norm, 4 modules, IP20
DIN rail / Wall mounting	YES / NO	YES / YES	YES / NO
Mechanical dimensions	90mm x 70mm x 58mm	92mm x 115mm x 25mm	90mm x 70mm x 58mm
Operating temperature	-40 to +65 deg °C	-40 to +75 deg °C	-30 to +65 deg °C
Power supply	9-24V AC/DC	9-24V DC	9-24V DC
Power consumption	2W	2W	3W



EN 61000-6-4
EN 61000-6-2:2001



UL 508



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