

"Device-Wireless" Networking Access



Wireless Serial Server

■ ■ GW51W-MAXI

- Single-port DIN-Rail Wireless model
- Metal housing with IP50 standard
- 15KV ESD protection for serial ports
- IEEE802.11b 11Mbps Wireless network connectivity
- Support multiple link mode with TCP Server/Client, UDP and Virtual Com mode
- Extend the distance of point-to-point serial connection
- Selectable RS-232, RS-485, or RS-422 serial interface
- Configurable via serial console Telnet, built-in web server, or Windows based utilities
- Compact size enables it to fit anywhere and connects anytime
- Optional High Gain Antenna
- Upgradeable firmware via network

The Wireless Industrial Serial-Ethernet Server GW51W-MAXI is a gateway between Ethernet (TCP/IP) and RS-232/RS-485/RS-422 communications. It allows almost any serial device to be connected to a new or existing Ethernet network. GW51W-MAXI offers wireless network interface (IEEE802.11b, 11Mbps) and one serial port.

By encapsulating serial data and transporting it over Wireless LAN, GW51W-MAXI offers full-duplex, bi-directional data transmission transparent between serial port and Wireless LAN.

In industrial and manufacturing automation fields, GW51W-MAXI is used for field devices to connect Wireless LAN through TCP/IP protocol directly. It is also specially designed for conjunction with PLCs, HMIs, Barcode Scanners, Data Terminals, Electronic Kanbans, Shop Floor Control Systems, and Pick-to-light systems.

Terminal Server (Main Control Program Executed in this unit) makes most use of Ethernet (Wireless LAN) connectivity to drive serial devices. It transforms whatever serial data received to TCP/UDP format then enables a host computer to drive the serial devices through the Wireless LAN and Ethernet.

Atop Virtual Com software provides existing Windows based applications to access serial-Ethernet devices by mapping to remote serial server over Ethernet.

Flexible configuration options enable this unit to be setup over Ethernet by Telnet, web browser, or other utility. Packed in a rugged Metal housing with DIN Rail-mountable case and 9~30VDC power input range, GW51W-MAXI is ideal for almost any industrial and manufacturing automation.

Wireless Serial Server

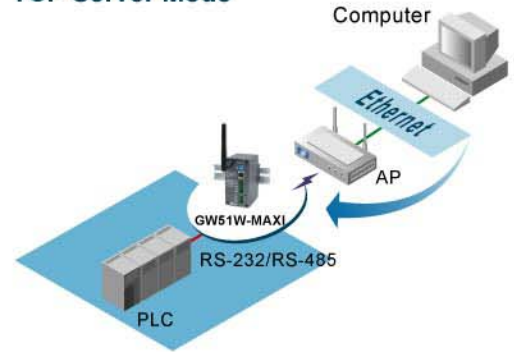
Specifications

CPU	16-bit Embedded CPU
Flash Memory	512 KBytes
EPROM	512 KBytes
EEPROM	512 Bytes
Network Interface	IEEE802.11b 11Mbps Wireless LAN
Network Protocol	TCP/IP, UDP, SNMP Read, HTTP, Telnet, ARP, BOOTP, ICMP, DHCP, WEP
Reset	Built-in default key to restore the defaults
Watch Dog Timer	1.34 second hardware auto reset Internal power failure threshold: 4.75V
Serial Interface	One serial port, RS-232/RS-485/RS-422 is switch selectable
Serial Connector	5pin terminal block, 8 pin mini-DIN and DB9 male cable
Serial Communication	Data Rate: 1200~230400 bps Characters: 7 or 8 data bits Parity: None, Even, Odd, Mark, Space. Stop Bits: 1 or 2 Flow Control: Xon/Xoff, RTS/CTS
LED Indicator	LAN, RUN and COM
Power Requirement	9~30VDC, 200mA@12V.
Temperature	Operation: 0°C~60°C, Storage : -20°C~70°C
Humidity	20%~90% non-condensing
Dimension	76mm x 45mm x 91mm (D x W x H)
Software	Windows OS based Configuration Utility, Virtual Com software
Configuration	Web (HTML), Telnet, serial console and Configuration Utility

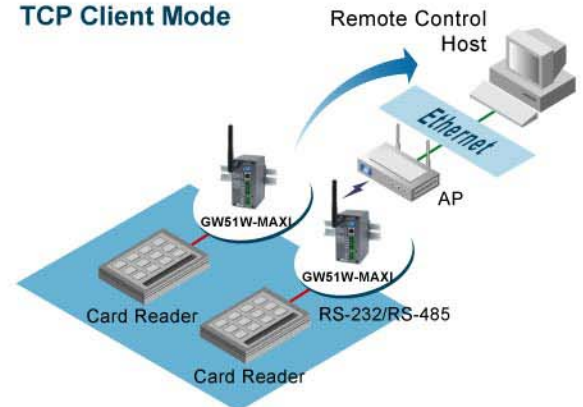
Ordering Information (by Model)

GW51W-MAXI	Single-port (Default RS-232) Wireless serial server
AD15-24C (US)	AC100V~240V/DC24V, US Plug (optional)
AD15-24D (EU)	AC100V~240V/DC24V, EU Plug (optional)
HG055	5.5dBi antenna, SMA (R) Female connector with 180cm cable (optional)
HG110	11dBi antenna, SMA (R) Female connector with 60cm cable (optional)
HG110-C600N	N Male to N female connector with 600cm cable (optional)

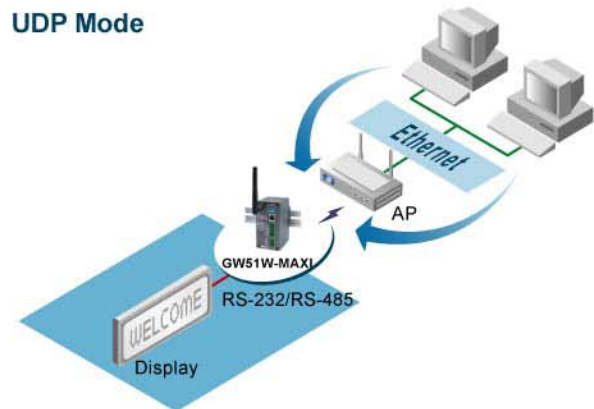
TCP Server Mode



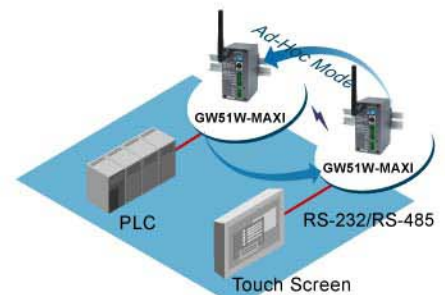
TCP Client Mode



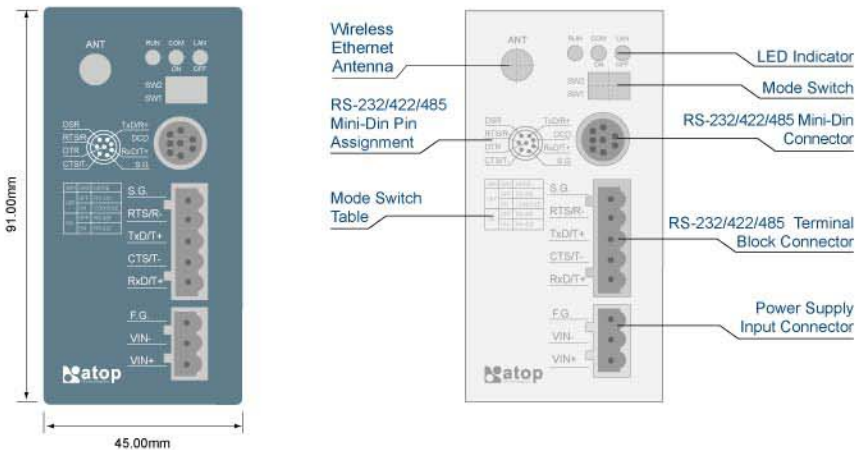
UDP Mode



Tunneling Mode



GW51W-MAXI Front Panel



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IT'S VERY WELL
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CAGW51W-MAXI_E : v2-040730