



RoHS compliant

Ethernet Serial Server

■ ■ **GW51C-MAXI**

- Single-port DIN-Rail model
- Metal housing with IP50 standard
- 15 KV ESD protection for serial ports
- 10/100Mbps Fast Ethernet Full Duplex Auto Negotiation.
- 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 to fit anywhere and connects anytime
- Upgradeable firmware via network

The Industrial Serial Server GW51C-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.

By encapsulating serial data and transporting it over Ethernet, GW51C-MAXI offers full-duplex, bi-directional data transmission transparent between serial port and Ethernet network.

In industrial and manufacturing automation fields, GW51C-MAXI is used as a field device to connect Ethernet 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 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 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, serial console, or other Windows utilities. Packed in a rugged metal housing with DIN Rail-mountable case and 9~30VDC wide power input range, GW51C-MAXI is ideal for almost any industrial and manufacturing automation.

Industrial Serial Server

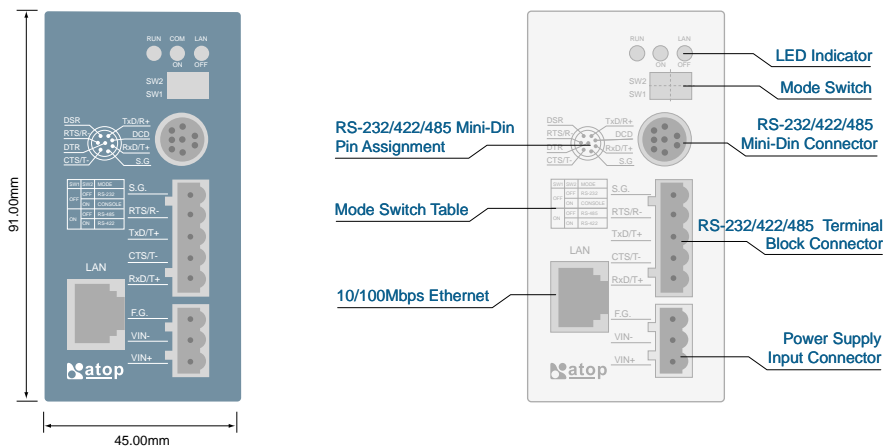
Specifications

CPU	16-bit x86 Embedded CPU
Flash Memory	512 KBytes
SDRAM	512 KBytes
EEPROM	512 Bytes
Network Interface	10/100Mbps Fast Ethernet
Network Protocol	TCP/IP, UDP, SNMP Read, HTTP, Telnet, ARP, BOOTP, ICMP, DHCP
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 console switch selectable
Serial Connector	5 pin terminal block, 8 pin mini-DIN and DB9 male cable
Serial Communication	Data Rate: 1200 bps~230 Kbps Data bit: 5, 6 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 : -40°C~85°C (-40°~185°F)
Humidity	5%~95% non-condensing
Dimension	45mm x 91mm x 76mm (W x H x D)
Software	Windows OS based Configuration Utility, Virtual COM software
Configuration	Web (HTML), Telnet, serial console and Windows based Configuration Utility

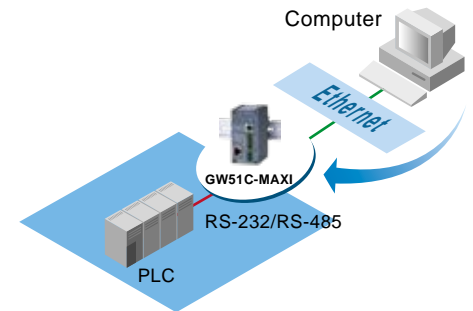
Ordering Information (by Model)

GW51C-MAXI	Single-port (Default RS-232) serial server
AD15-24C (US)	AC110V~240V/DC24V, US Plug (optional)
AD15-24D (EU)	AC100V~240V/DC24V, EU Plug (optional)

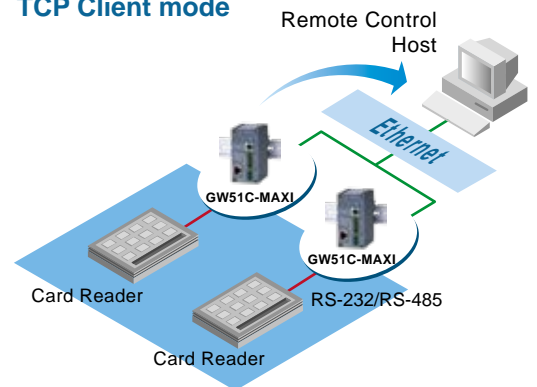
GW51C-MAXI Front Panel



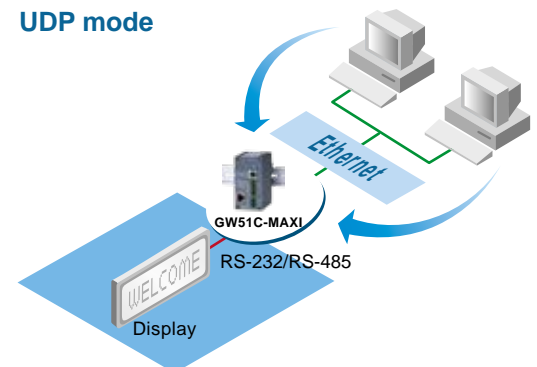
TCP Server Mode



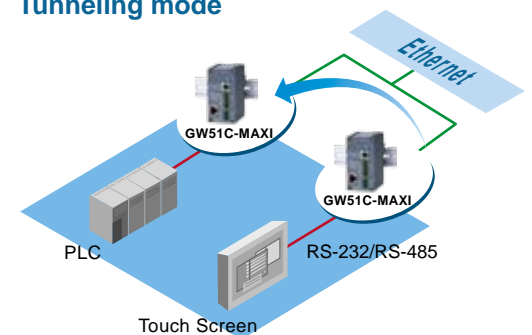
TCP Client mode



UDP mode



Tunneling mode



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