

Serial To Ethernet Converter MC330



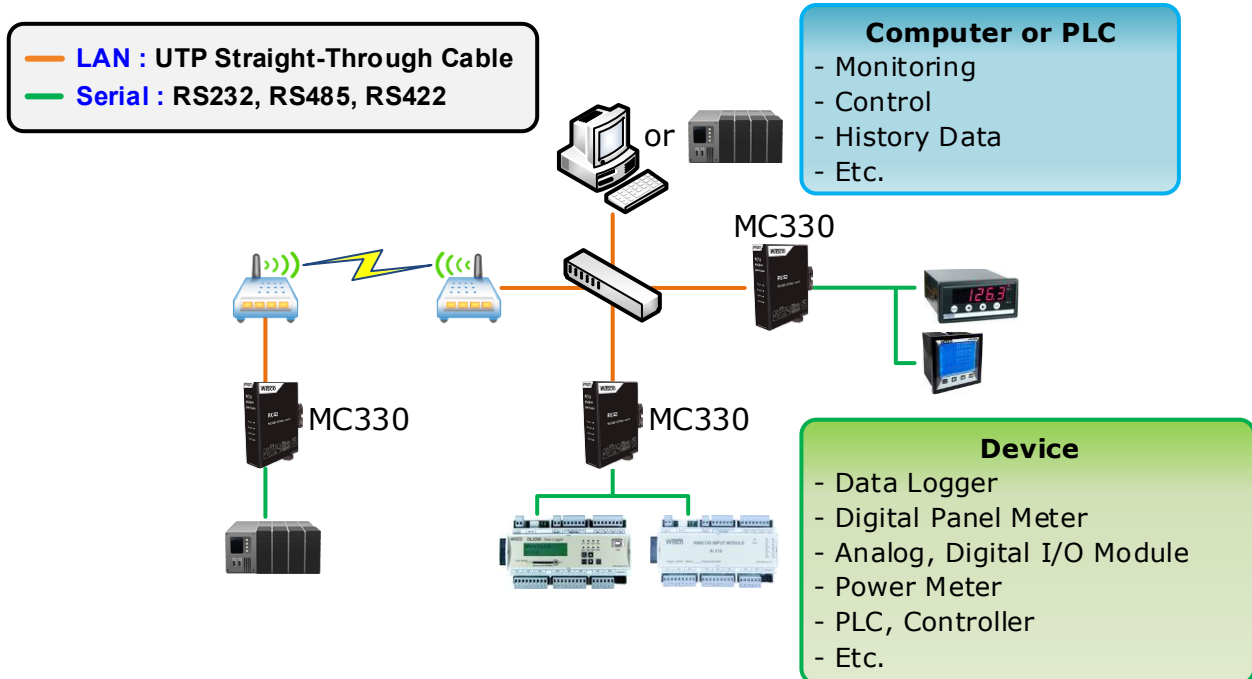
- Communicate Serial Device Over Ethernet
- Simultaneously Connect 4 Ethernet Device
- Extend Serial Connection Distance
- Bundle Virtual Serial Port Emulator

Serial to Ethernet Converter MC330 This device converts RS232 or RS485/RS422 communication channels to enable data transmission over Ethernet networks, effectively eliminating the limitations typically associated with serial port connections. The MC330 is suitable for a wide range of applications, such as extending signal transmission distances, replacing serial communication channels, or adding serial communication ports.

Examples of devices with serial communication interfaces include digital scales, fingerprint scanners, barcode scanners, power meters, PLCs, data loggers, etc.

Consider this application scenario: initially, a computer and a fingerprint scanner are connected via an RS232 port over a distance of approximately 10 meters. Later, the requirement arises to relocate the computer to a control room about 100 meters away, while Ethernet network access is available at both the computer's new location and the scanner's location. In this case, the MC330 can be used to resolve the issue by connecting it to the scanner via the RS232 port and linking it to the Ethernet network, while installing serial port emulation software on the computer.

The company has included the Virtual Serial Port Emulator (WisVSP) program in the installation package to simulate serial ports on the computer; this program allows users to access and control the created serial ports just like physical serial ports.



Connecting to various devices.

Specifications

Ethernet Interface

Speed: 10/100 Mbps, Full-duplex or Half-duplex, Auto MDI/MDIX

Connector: RJ45

Standard: 10 Base-T/100 Base-T Standard

Data Rates: 300 - 115,200 bps

Transmission: 100 m.

Magnetic Isolation Protection:

15 KV Built-in

Serial Interface

Serial Standards:

RS232 Through D-Type 9 pin Connector
RS485/422 (Isolated) 5 Pin Terminal Block (Software Selectable)

Loading: RS485 Max 32 Unit

Distance:

RS232 Length 15 m.

RS485/422 Length 1 Km.

Serial Parameter

Baud Rate: 1200, 2400, 4800, 9600, 19200, 28800, 38400, 57600, 115200

Data Bits: 7, 8

Stop Bit: 1, 2

Parity: None, Odd, Even

Flow Control: None, Hardware

Power Requirements

Power Supply: 12 to 35 VDC

Power Consumption

Operating: 100 mA @ 12 VDC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimensions: W30 x H122 x D98 mm.

Mounting: DIN Rail

Housing: Metal

Warranty

Warranty Period: 5 Year

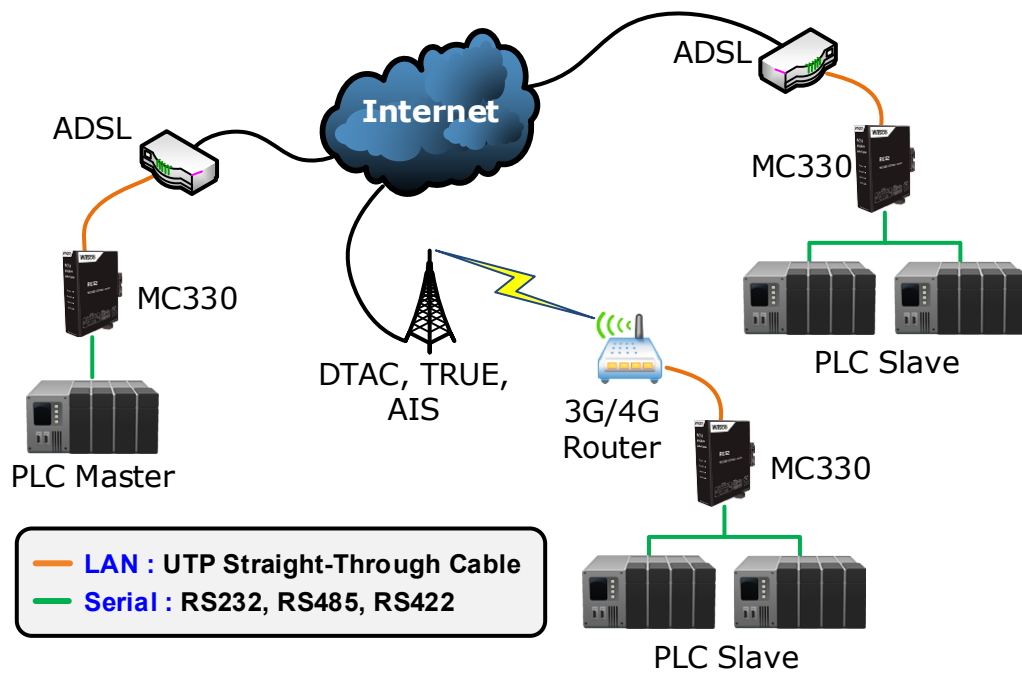
Ordering Information

Example MC330

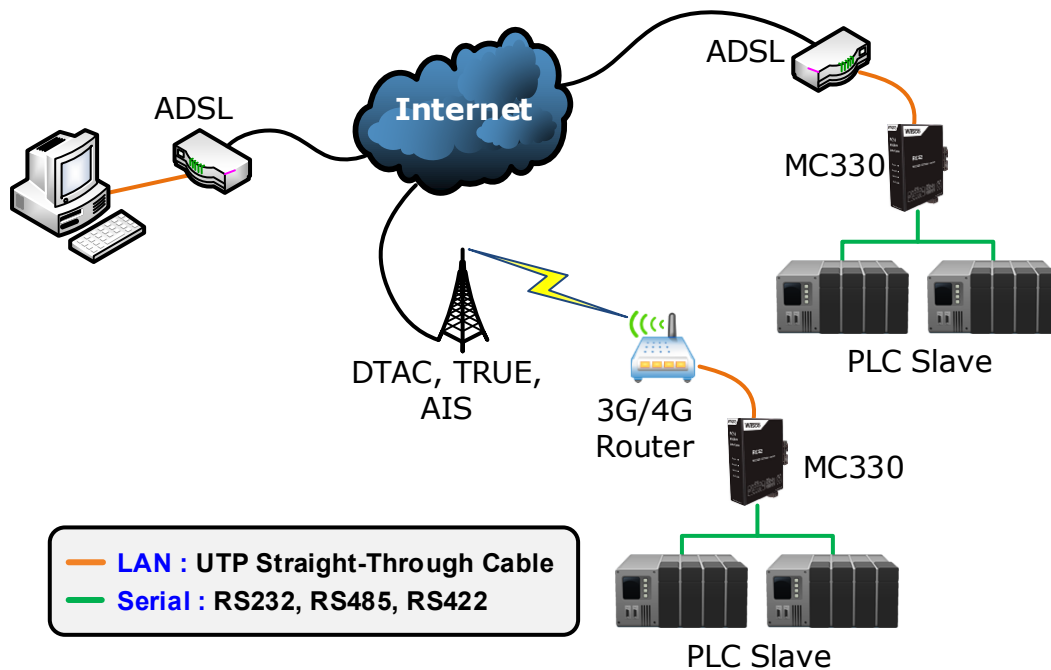
Package Checklist

1. MC330
2. LAN Cable

Application



PLC connection via the Internet.



Connecting a computer and a PLC via the Internet.