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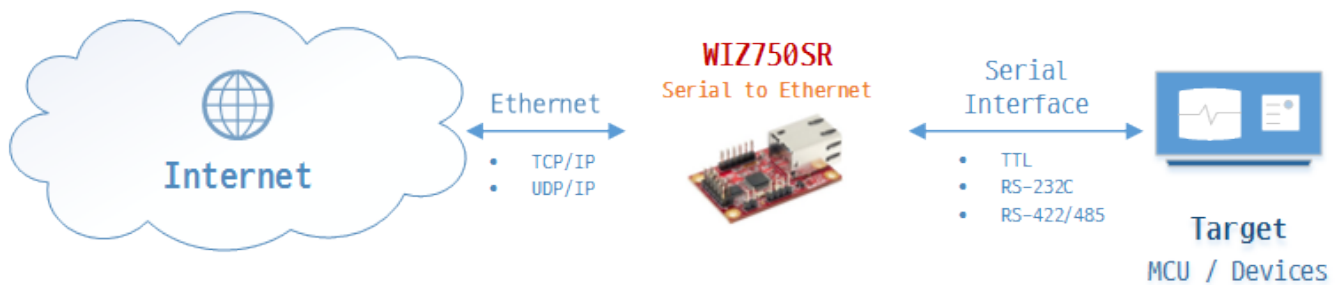
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WIZ750SR Product Overview

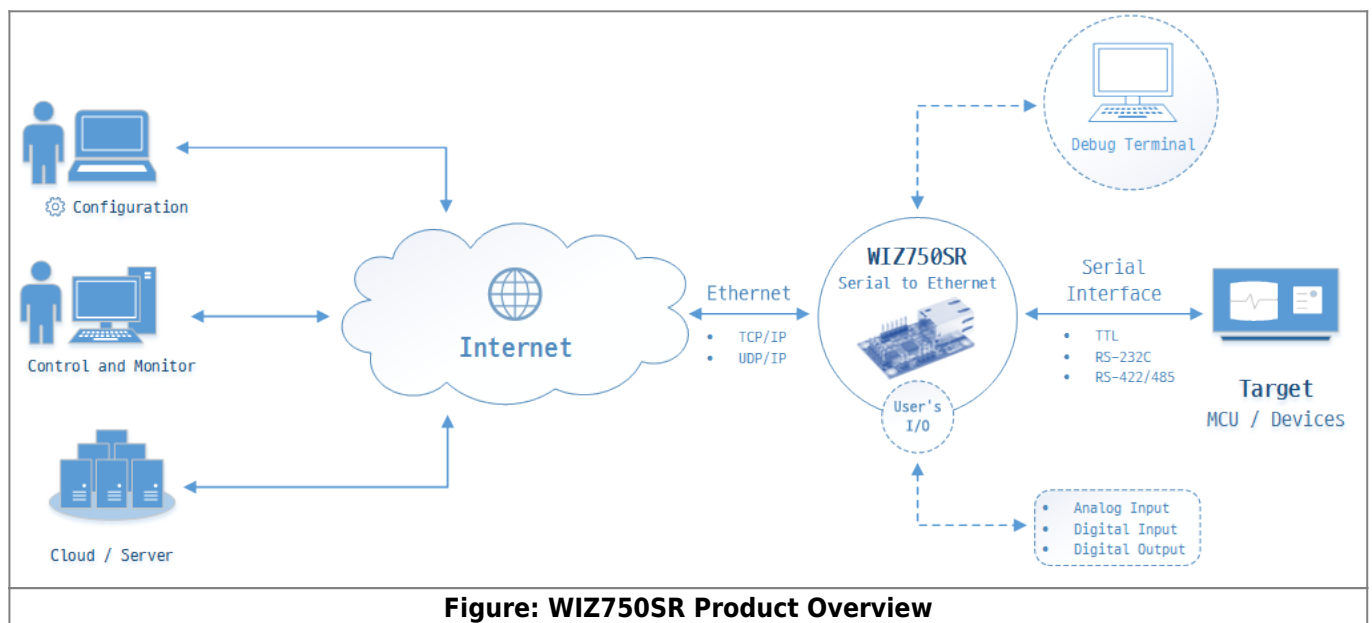
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Overview



WIZ750SR is a compact sized serial to Ethernet module using the W7500P Ethernet MCU (SoC based on ARM Cortex-M0 architecture). WIZ750SR is a protocol converter that transmits data sent by serial equipment as TCP/IP data and converts the TCP/IP data received through the network back into serial data to the serial equipment. It complies with Commercial temperature standard range(0°C ~ 70°C) and supports all relevant serial interface systems (TTL / RS-232 / RS-422/485).



WIZ750SR is compatible¹⁾ with the WIZnet WIZ107/108SR S2E module. In addition, WIZ750SR contains an 4-pin GPIO expansion port that can be controlled freely by the user. (analog input or digital in/out)

WIZ750SR is the best fit solution to control user's serial device via Ethernet network.

Features

- Serial to Ethernet Module based on **W7500P** MCU
- Software and Hardware compatible with WIZ107/108SR S2E Module
- The modules is available in three versions:
 - WIZ750SR-TTL: TTL Version
 - WIZ750SR-RS232: RS-232 Version
 - WIZ750SR-RS485: RS-485/422 Version
- **10/100Mbps Ethernet & Up to 230kbps serial speed**
- **Pin-header(2×6) type & RJ-45 connector mounted module**
- **4-Pins Configurable User's I/O**
- Status pins: PHY link status / TCP connection status
- Serial signals(RS-232 or RS-422/485 transceiver optionally built-in)
 - RS-232/TTL version: TXD, RXD, RTS, CTS
 - RS-422/485 version: 485+/RXD+, TXD+, 485-/RXD-, TXD-, 485_SEL
 - Optional DTR/DSR signals supported (Status pins or DTR/DSR pins selectable)
- Separate **Data UART** and **Debug UART** port
- Supports a search password
- Configuration is possible via serial AT commands or via Configuration tool
- Support WIZ VSP (Virtual Serial Port) program
- Built in 10/100Mbps Ethernet ESD Protection IC
- PCB Board design 45mm X 30mm (Length x Width)
- Compact sized design 48mm X 30mm X 18mm (Length x Width x Height)

Product Contents

WIZ750SR Module Series

Ordering Information	Item	Q'ty	Remarks
WIZ750SR-TTL	WIZ750SR-TTL module	1	-
WIZ750SR-232	WIZ750SR-RS232 module	1	-
WIZ750SR-485	WIZ750SR-RS485 module	1	RS-422/485

WIZ750SR Evaluation Board Series

Ordering Information	Category	Item	Q'ty	Remarks
WIZ750SR-TTL-EVB	Device	WIZ750SR-TTL module	1	-
		WIZ750SR-232/TTL-EVB board	1	-
	Cable	D-SUB9-FEMALE serial cable	1	Data port
		USB 2.0 Micro B type cable 1M	1	Debug port
		24AWG CAT5e UTP cable	1	LAN cable
WIZ750SR-232-EVB	Device	WIZ750SR-232 module	1	-
		WIZ750SR-232/TTL-EVB board	1	-
	Cable	D-SUB9-FEMALE serial cable	1	Data port
		USB 2.0 Micro B type cable 1M	1	Debug port
		24AWG CAT5e UTP cable	1	LAN cable
WIZ750SR-485-EVB	Device	WIZ750SR-485 module	1	-
		WIZ750SR-485-EVB board	1	-
	Cable	USB 2.0 Micro B type cable 1M	1	Debug port
		24AWG CAT5e UTP cable	1	LAN cable

* It can be replaced with better components to improve the performance of the product.

Navigation



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WIZ750SR series Common Documents

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- [Device Command Manual](#)
- [Troubleshooting Guide](#)
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WIZ750SR Individual documents

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- [WIZ750SR Getting Started Guide](#)
- [WIZ750SR Datasheet](#)

WIZ750SR series Downloads

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WIZ750SR-100 Individual documents

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WIZ750SR-105 Individual documents

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Last update: 2018/06/25 08:25

