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WIZ750SR-110 Product Overview

Supported Languages

- [English](#) (current page)
 - [Korean](#)
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Overview

WIZ750SR-110 is a compact sized serial to Ethernet module using the W7500 Ethernet MCU (SoC based on ARM Cortex-M0 architecture) with External PHY(IC+). WIZ750SR-110 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 industrial temperature standard.

WIZ750SR-110 is compatible¹⁾ with the WIZnet WIZ110SR S2E module. In addition, WIZ750SR-110 contains an 4-pin GPIO expansion port that can be controlled freely by the user. (analog input or digital in/out)

Also, WIZ750SR-110 is compatible to control command with WIZ107SR(WIZ750SR).

WIZ750SR-110 is the best fit solution to control user's serial device via Ethernet network.

Also compatible with WIZ750SR²⁾ is designed to be used. Users can use various kinds of boards if only changing board selection in firmware. (ex WIZ750SR, WIZ750SR-100, WIZ750SR-105, WIZ750SR-110)

Features

- Serial to Ethernet Module based on **W7500** MCU (TTL level)
 - Included External PHY chip
 - Software and Hardware compatible with WIZ110SR S2E Module
 - **10/100Mbps Ethernet & Up to 230kbps serial speed**
 - **Use D-SUB9 port in data line**
 - **4-Pins Configurable User's I/O**
 - Status pins: PHY link status / TCP connection status
 - Serial signals(TTL or RS-232C)
 - WIZ750SR-110 module(RS-232C): TXD, RXD, RTS, CTS
 - 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
 - Built in Supervisor IC for improvements of Reset function stability
 - PCB Board design 63mm X 45mm (Length x Width)
 - Compact sized desig 75mm X 45mm X 18mm (Length x Width x Height)
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Product Contents

WIZ750SR-110 Module Series

Ordering Information	Item	Q'ty	Remarks
WIZ750SR-110	WIZ750SR-110 module(RS-232C)	1	-

WIZ750SR-110 Evaluation Board Series

Ordering Information	Category	Item	Q'ty	Remarks
Package	Device	WIZ750SR-110 module	1	-
	Cable	D-SUB9-FEMALE serial cable	1	Data 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

- [User's Manual](#)
- [Device Command Manual](#)
- [Troubleshooting Guide](#)
- [Update History](#)

WIZ750SR series Downloads

- [Software Downloads](#)
- [Technical Reference](#)

WIZ750SR Individual documents

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

WIZ750SR-100 Individual documents

- [WIZ750SR-100 Product Overview](#)
- [WIZ750SR-100 Getting Started Guide](#)
- [WIZ750SR-100 Datasheet](#)

WIZ750SR-105 Individual documents

- [WIZ750SR-105 Product Overview](#)
- [WIZ750SR-105 Getting Started Guide](#)
- [WIZ750SR-105 Datasheet](#)

WIZ750SR-110 Individual documents

- [WIZ750SR-110 Product Overview](#)
- [WIZ750SR-110 Getting Started Guide](#)
- [WIZ750SR-110 Datasheet](#)

¹⁾

hardware pins

²⁾

Firmware, AT command, Configuration tool function

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