

Data Sheet

# CSE-M73A | Embedded Serial to Ethernet Converter



## Overview

CSE-M73A is a serial to Ethernet conversion board equipped with various serial interfaces. The serial port of this product can be selected from RS232, RS422, RS485, or UART (3.3V). This product is equipped with an RJ45 connector, so it can be easily applied to your system.

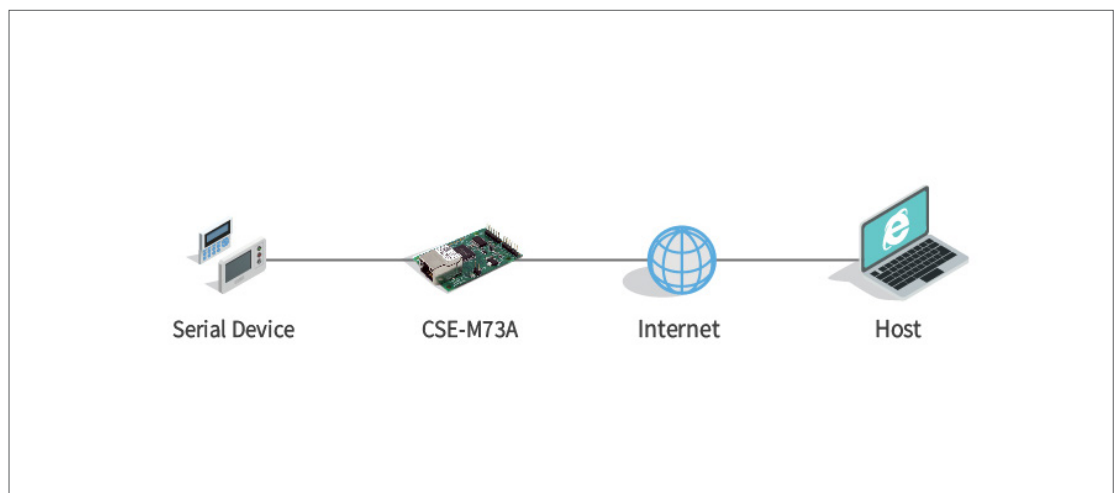
A remote host can communicate with CSE-M73A using TCP/IP socket communication. Therefore, users can access the serial device connected to the CSE-M73A remotely via TCP/IP.

CSE-M73A provides a multi-monitoring function. With this function, up to 8 remote hosts can access the CSE-M73A simultaneously.

## Features

- Serial↔Ethernet conversion board
- Various serial interfaces: RS232, RS422, RS485 or UART (3.3V)
- RJ45 connector
- Multi-monitoring function: up to 8 channels
- Free virtual port creation program (ezVSP) for PC

## System Diagram



# Specifications

Serial Port	
Interface	RS232 - TXD, RXD, RTS, CTS, GND
	UART (3.3V) - TXD, RXD, RTS, CTS, GND
	RS422 - TX+, TX-, RX+, RX-, GND
	RS485 - TRX+, TRX-, GND
Connector	1 x 6 pin header with 2.54mm pitch
Baudrate	300 ~ 230400 [bps]
Data bit	5, 6, 7, 8
Parity	None, Even, Odd, Mark, Space
Stop bit	1, 1.5, 2
Ethernet Port	
Interface	10Base-T/100Base-TX Ethernet (RJ45)
	10M/100M auto sense
	1:1 or Cross-over cable auto sense
	1000 VAC isolation
Software Functions	
Protocol	TCP, UDP, IP, ICMP, ARP, TELNET, TFTP, DHCP, PPPoE, DNS, DDNS
Security	IP & MAC filtering
Communication mode	TCP server (T2S), TCP client (COD), AT command (ATC), UDP (U2S)
Additional Function	Multi-monitoring (up to 8 channels)
	Sending MAC address function
	TCP server/client mode
	Debugging message function
Display	
System LED	PWR, LINK (RJ45), STS (RJ45)
Supplementary Software	
ezManager	Configuration tool for Windows
ezVSP	Virtual port creation program for Windows
Dimension	
Size	64.3 x 40 x 17 [mm]
Weight	Approximately 17g
Operating Environments	
Input Voltage	DC 5V
Current Consumption	Approximately 100mA (typical condition)
Operating Temperature	-40 ~ +85 [°C]
Storage Temperature	-40 ~ +85 [°C]