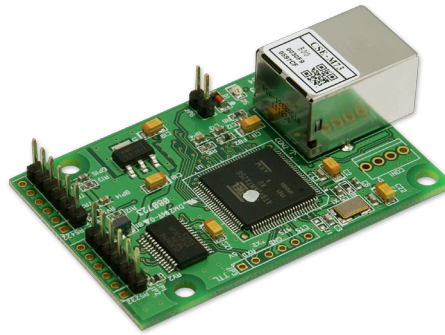


CSE-M73

(Embedded Serial to Ethernet Converter)



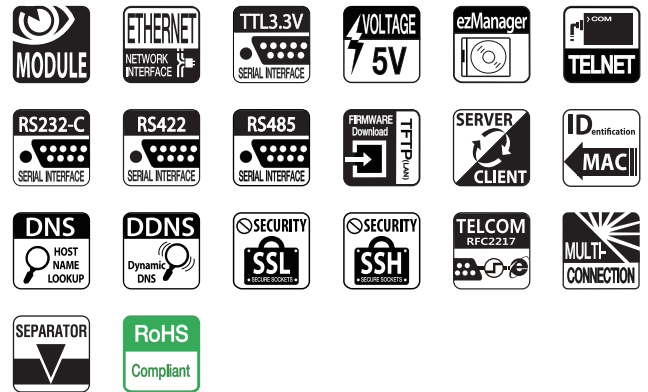
Overview

CSE-M73 is an embedded serial to Ethernet module with a built-in RJ45 connector for Ethernet interface. Embedded with an optimized TCP/IP stack, this module enables your serial equipment to access to the network without changing existing software. In other words, CSE-M73 handles TCP/IP protocol to provide your serial equipment with seamless network connectivity, so that help you control, monitor and manage your serial equipment at a remote site. CSE-M73 mainly benefits you from multi-monitoring that allows your serial devices to be monitored by multiple hosts at the same time. Also, this serial to Ethernet module helps you minimize the hassle needed to mount since it comes equipped with a RJ45 connector and serial port interfaced with TTL, RS232, RS422, and RS485.

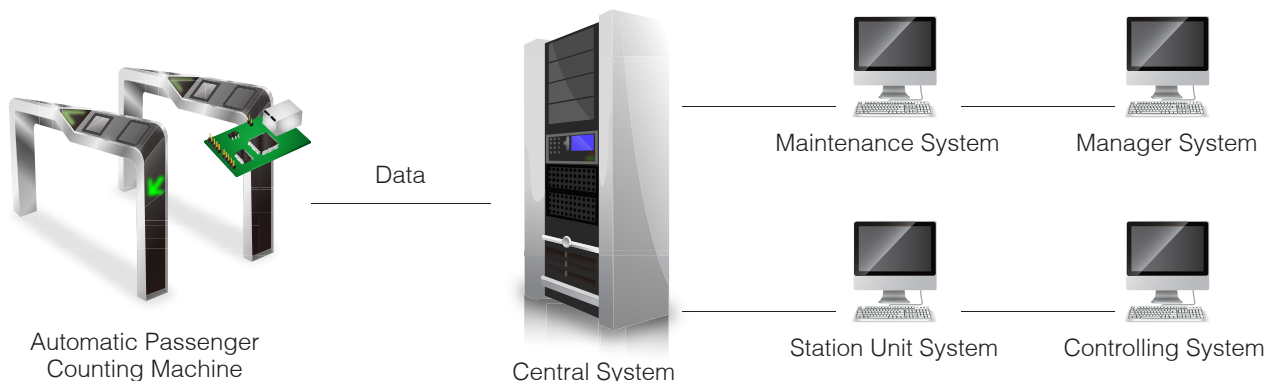
Highlights

- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- Compact size (64.4mm x 40mm)
- Security Protocols (SSL3.0/TLS1.0, SSH2.0, IP filtering, Password)
- Multi-Monitoring in TCP server mode.
(Maximum 8 channels)
- 1 x UART for 3.3V-TTL, RS232, RS422 or RS485 communication (Maximum data rate: 230,400bps)
- Flexible configuration and network communication by 'AT Commands' (patent)

Icons



Application



Specifications

Serial Physical Interface

Serial Interface	RS232 - RXD, TXD, CTS, RTS / 3.3V-TTL UART - RXD, TXD, RTS, CTS
	RS422 - TX+, TX-, RX+, RX- RS485 - TRX+, TRX-
Connector	1 x 6 2.54mm pitch pin header

Serial Port Properties

Baudrate	300 bps ~ 230,400 bps
Data Bits	5, 6, 7, 8 bits
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 1.5, 2

Network Physical Interface

Network Interface	RJ45 (10Base-T/100Base-TX Ethernet)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense

Software Functions

Protocols	TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET
	TFTP, DHCP, PPPoE, DNS, DDNS
	Telnet COM Port Control Option (RFC 2217)
Security	SSL (Secure Socket Layer)
	SSH (Secure Shell)
	IP & MAC filtering - Restrict host or network Password for Configuring
Communication Mode	TCP Server (T2S)
	TCP Client (COD)
	TCP Server/Client with AT command (ATC) - Patent
	UDP Mode (U2S)
Additional Functions	Multi-monitoring (Max. 8 TCP connections simultaneously)
	Remote Debug Function
	TCP server / client mode
	Sending MAC address Option

Indicators (LEDs)

Power	Red
LAN Link/LAN RXD	Green
Status/LAN TXD	Yellow

Management

ezManager	Configuration and Monitoring Tool through Network and Serial
Telnet	Telnet Login
AT Command	Configuring in ATC mode - Patent

Supplementary Software

ezManager	Configuration Tool for Windows
ezVSP	Serial to Network Virtual Driver for Windows
ezTerm	Simple TCP/IP Communication Test Tool

Dimension

Size	64.4mm x 40mm x 17mm
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Operating Environment

Input Voltage	DC 5V
Current Consumption	200mA typical
Operating Temperature	0℃ ~ +55℃
Storage Temperature	-40℃ ~ +85℃