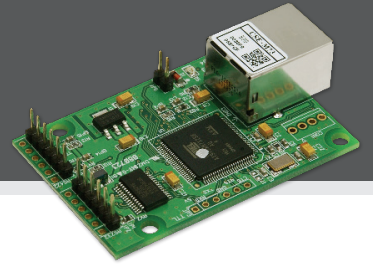


Data Sheet

CSE-M73 | Embedded Serial to Ethernet Converter



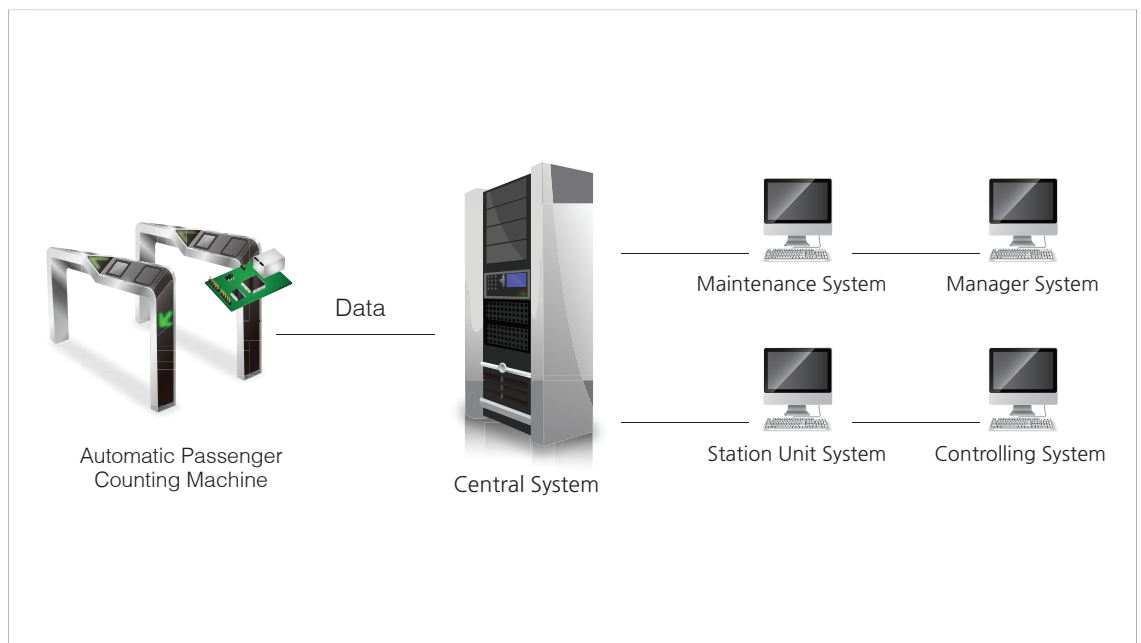
Overview

CSE-M73为可以远程控制并管理串口设备而连接到以太网或是因特网的嵌入式串口↔以太网的转换器。CSE-M73连接到现有设备中，在不改变现有软件系统下可以方便的连接到网络。换句话说在TCP/IP 协议下传送数据时，自动处理数据，将没有TCP/IP技能的使用者设备轻松的连接到因特网中。不仅如此，由于连接到了因特网，故可以将现有的串口设备的通信距离进行扩张。CSE-M73是将高度缩小的TCP/IP技术应用在硬件中的普及TCP/IP的方式。CSE-M73不仅内置了RJ-45而且还是支援RS232, RS422, RS485的产品，使用者将产品嵌入在使用者系统内使用。特别是CSE-M73同时支援3个TCP连接，可同时在多个HOST上进行连接。

Features

- 1 x RS232/RS422/RS485
- 10/100Mbps Ethernet
- 内置RJ45连接器
- 小型模块型产品(64.4mm x 40mm x 17mm)
- 支援最多8个TCP同时连接 (Multi-monitoring)
- SSL保安通信功能
- 数据包分隔符设定功能
- 利用AT命令而控制的通信技能及提供设定技能(专利)

Applications



Specifications

Serial Physical Interface	
Serial Interface	RS232 - RXD, TXD, CTS, RTS, GND
	3.3V level with 5V tolerant input - RXD, TXD, RTS, CTS, GND
	RS422 - TX+, TX-, RX+, RX-, GND
	RS485 - TRX+, TRX-, GND
Connector	1 X 6 2.54mm pitch pin header
Serial Port Properties	
Baudrate	300bps ~ 230,400bps
Data Bits	5, 6, 7, 8 bits
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 1.5, 2
Network Physical Interface	
Network Interface	10Base-T/100Base-TX Ethernet(RJ45)
	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
Operating Environment	
Input Voltage	DC 5V
Current Consumption	200mA typical
Operating Temperature	0°C ~ +55°C
Storage Temperature	-40°C ~ +85°C