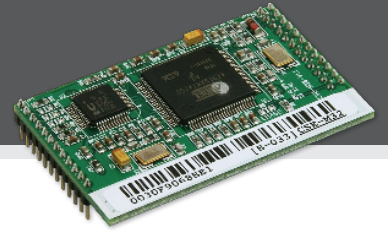


Data Sheet

# CSE-M32 | Embedded Serial to Ethernet Converter



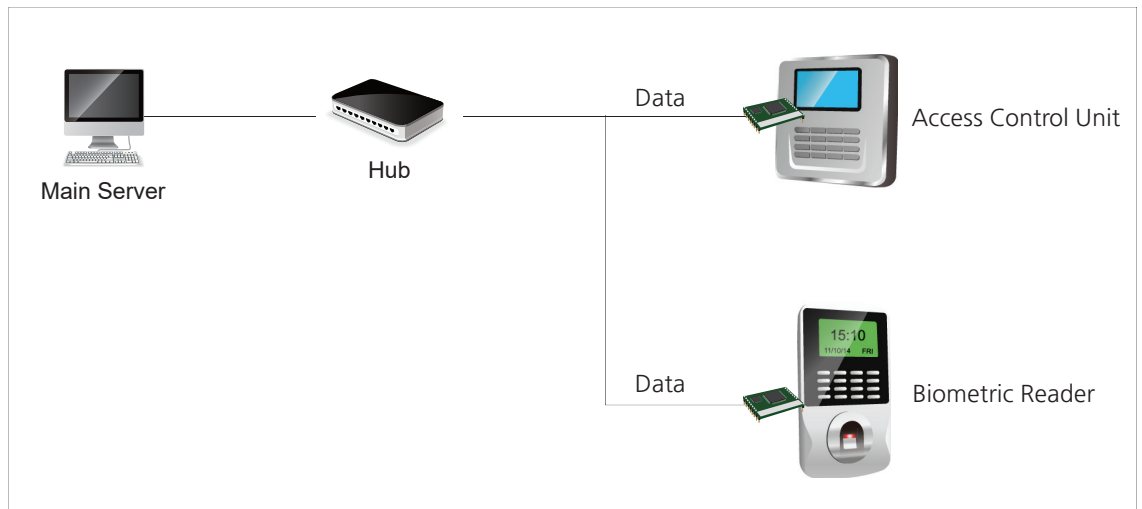
## Overview

CSE-M32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-M32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-M32不仅内置了最小化的TCP/IP协议,还内置了两个速度为1,843,200bps的UART端口,适用于高速通信。

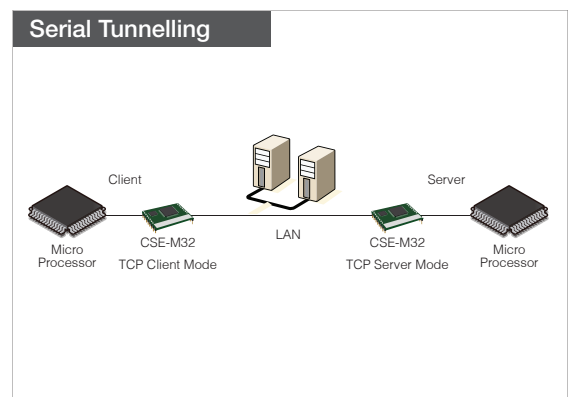
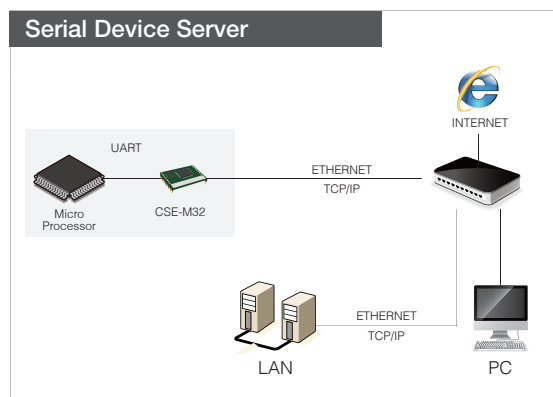
## Features

- 2 x UART(3.3V level)
- 超高速UART端口  
(单独使用COM1端口时最大支持1.8Mbps, COM1/COM2同时使用时最大921.6Kbps)
- 10/100Mbps Ethernet
- 小型模块产品(50mm x 32mm x 9mm)
- SSL保安通信功能
- 利用AT命令而控制的通信技能及提供设定技能(专利)

## Applications



## System Diagram



# Specifications

<b>Serial Physical Interface</b>	
<b>Serial Interface</b>	2 x UART, 3.3V level with 5V tolerant input RXD, TXD, RTS(TXDE for RS485), CTS, GND
<b>Connector</b>	2 X 12 2mm pitch pin header
<b>Serial Port Properties</b>	
<b>Baudrate</b>	300 bps ~ 1,843,200 bps(When only COM1 is used) 300 bps ~ 921,600 bps(When both COM1 and COM2 are used)
<b>Data Bits</b>	5, 6, 7, 8 bits
<b>Parity</b>	None, Even, Odd, Mark, Space
<b>Stop Bit</b>	1, 1.5, 2
<b>Network Physical Interface</b>	
<b>Network Interface</b>	10Base-T/100Base-TX Ethernet Ethernet Speed Auto Sense 1:1 or Cross-over Cable Auto Sense Simple External Circuit Required
<b>Software Functions</b>	
<b>Protocols</b>	TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET TFTP, DHCP, PPPoE, DNS, Telnet COM Port Control Option
<b>Security</b>	SSL (Secure Socket Layer) SSH (Secure Shell) IP & MAC filtering - Restrict host or network Password for Configuring
<b>Communication Mode</b>	TCP Server (T2S) TCP Client (COD) TCP Server/Client with AT command (ATC) UDP Mode (U2S)
<b>Additional Functions</b>	Remote Debug Function Sending MAC address Option
<b>Management</b>	
<b>ezManager</b>	Configuration and Monitoring Tool through Network and Serial
<b>Telnet</b>	Telnet Login
<b>AT Command</b>	Configuring in ATC mode
<b>Supplementary Software</b>	
<b>ezManager</b>	Configuration Tool for Windows
<b>ezVSP</b>	Serial to Network Virtual Driver for Windows
<b>ezTerm</b>	Simple TCP/IP Communication Test Tool
<b>Dimension</b>	
<b>Size</b>	50mm x 32mm x 9mm
<b>Operating Environment</b>	
<b>Input Voltage</b>	DC 3.3V
<b>Current Consumption</b>	230mA typical
<b>Operating Temperature</b>	0°C ~ +55°C
<b>Storage Temperature</b>	-45°C ~ +85°C