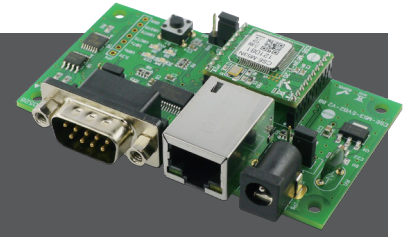


Data Sheet

CSE-B63N2 | RS232/RS485 Ethernet Module



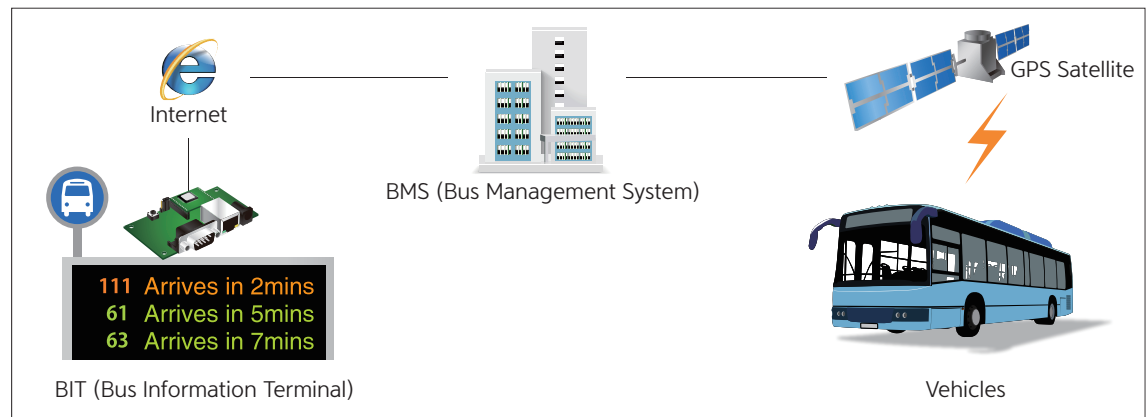
Overview

CSE-B63N2是将RS232/RS485设备连接到网络的板块型以太网模块。CSE-B63N2不仅支持IPv4, 还支持IPv6。因此不仅支持CSE-M53N的多种功能(IPv4/IPv6双协议栈、连接多种HOST连接模式、SSL、分隔字符串设定功能、Telnet Com Port Control Option 等), 还省去了使用模块产品时需要的附加电路图, 方便的内置到用户系统中使用。将CSE-B63N2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。CSE-B63N2是CSE-M53N向以太网提供接口, 串口端通过 RS232/RS485连接的板块型产品。

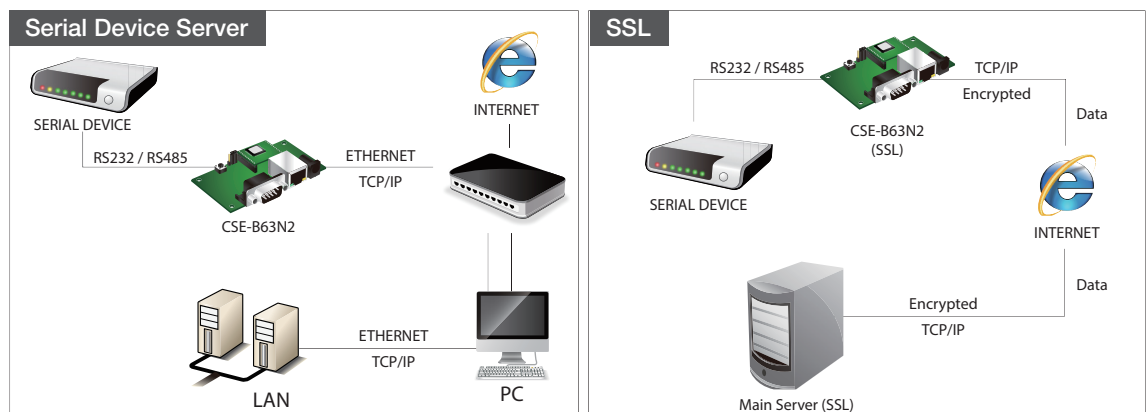
Features

- 支持IPv6(IPv4 / IPv6协议栈)
- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- Stateless / Stateful (DHCPv6)地址自动设定
- 强大的安保功能 (SSL3.0/TLS1.0, IP filtering, Password)
- 数据包分隔符设定功能
- 支援 RS232/RS485 端口x1 (最高921.6Kbps-使用Xon/Xoff时230.4Kbps)
- DB9-M接口
- 内置偏压电阻(RS485)
- 逆电压浪涌保护电路
- 工业用温度规格(-40°C ~ +85°C)

Application



System Diagram



Specifications

Serial Physical Interface	
Serial Interface	RS232 - RXD, TXD, CTS, RTS, GND
	RS485 - TRX+, TRX-, GND (Built-in 3.9Kohm biasing resistance)
Connector	9 pin D-sub male
Serial Port Properties	
Baudrate	300 bps ~ 921,600 bps
Data Bits	8bits, 7bits with parity
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 1.5, 2
Network Physical Interface	
Network Interface	10Base-T/100Base-TX Ethernet
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
Software Functions	
Protocols	IPv4/IPv6 dual stack, ICMPv6/TCPv6/UDPv6
	TCP, UDP, IP, ICMP, ARP, TELNET
	DHCP, PPPoE, DNS, DDNS
Security	SSL (Secure Socket Layer)
	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	Separator settings for packet fragmentation
	TCP Server/Client Mode
	Sending MAC address Option
Indicators (LEDs)	
PWR	Red
Serial TXD	Green
Serial RXD	Green
Serial RTS	Green
Serial CTS	Green
TCP	TCP Connection Indicator (Green)
STS	The Current Status (Green)
Ethernet Link	Green
Ethernet RXD	Green
Ethernet TXD	Green
Supplementary Software	
ezManager	Configuration Tool for Windows
Telnet	Serial to Network Virtual Driver for Windows
AT Command	Simple TCP/IP Communication Test Tool
Dimension	
Size	80.0mm x 44.0mm x 17.0mm
Operating Environment	
Input Voltage	DC 5V ±0.5V
Current Consumption	170mA (100M Ethernet), 200mA (10M Ethernet)
Protection	Surge Protection / Reverse Voltage Protection
Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C