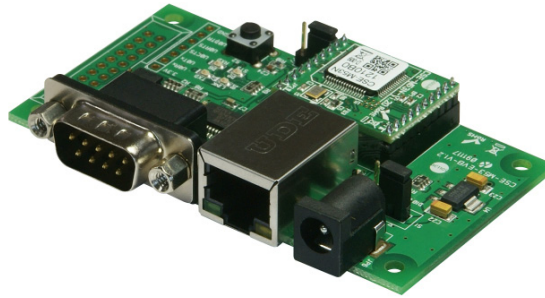


CSE-B63N

(Embedded Serial to Ethernet Converter)



Overview

CSE-B63N是不仅支持IPv4，还是支持基于IPv6网络IPv6地址体制下的串行↔以太网的通信模块。将CSE-B63N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。不仅如此，支援DNS, DDNS, Telnet COM Port Control Option等技术可适用多种通信环境。CSE-B63N是将CSE-M53N连接因特网接口，串口端连接RS232的测试板。

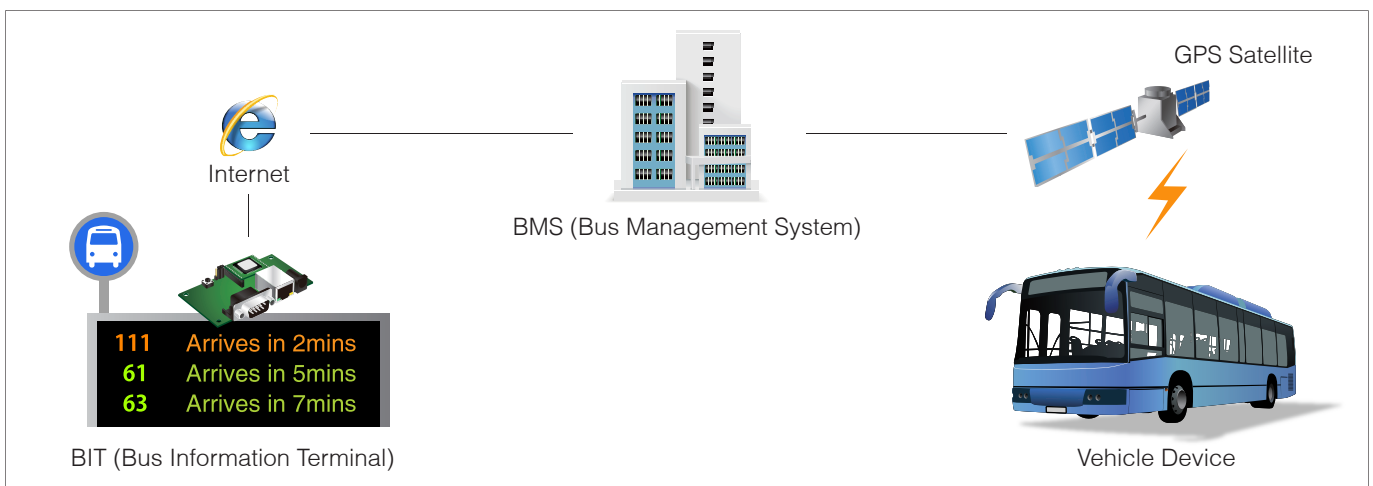
Highlights

- 支持IPv6 (IPv6/IPv4 协议栈)
- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- 自动设定Stateless / Stateful (DHCPv6) 地址
- 数据包分割 分隔字符串设定功能
- 强大的保安功能 (SSL3.0/TLS1.0, IP filtering, Password)
- 数据包分割 分隔字符串设定功能
- 支持1个RS232端口 (最高921.6Kbps - Xon/Xoff时 230.4Kbps, DB9-M 接口)

Icons



Applications



Specifications

Serial Physical Interface

Serial Interface	1 x RS232
	RXD, TXD, RTS, CTS, GND
Connector	9 pin D-sub male

Serial Port Properties

Baudrate	1,200 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

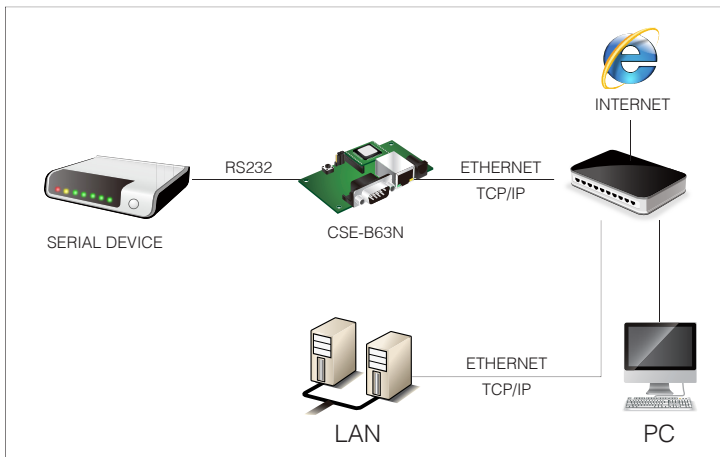
Indicators(LEDs)

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

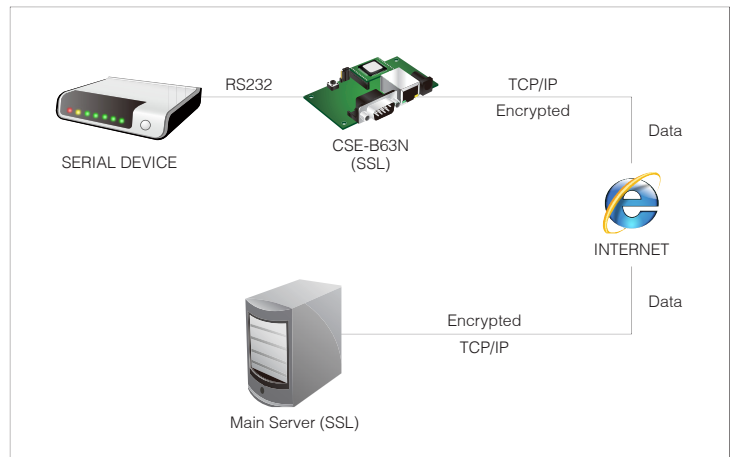
Supplementary Software

ezManager	Configuration Tool for Windows
ezVSP	Serial to Network Virtual Driver for Windows
ezTerm	Simple TCP/IP Communication Test Tool
Dimension	
Size	80mm x 44mm x 17mm
Operating Environment	
Input Voltage	DC 5V ±0.5V
Power Consumption	170mA (100M Ethernet), 200mA (10M Ethernet)
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-40°C ~ +85°C

System Diagram



Serial Device Server



SSL