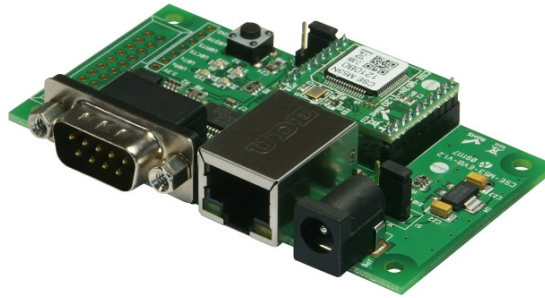


CSE-B63N

(Embedded Serial to Ethernet Converter)



Overview

CSE-B63N은 IPv4는 물론이며, IPv6 기반의 네트워크에 적용 가능한 IPv6 주소체계를 지원하는 보드형 시리얼↔이더넷 변환기입니다. CSE-B63N을 기존장비에 시리얼로 연결하면 소프트웨어 변경 없이 간단히 네트워크에 연결할 수 있습니다. 뿐만아니라 DNS, DDNS, Telnet COM Port Control Option등의 기능을 지원하여 다양한 통신환경에서 적용이 가능합니다. CSE-B63N은 CSE-M53N을 이더넷으로 인터페이스 해주고, 시리얼쪽은 RS232로 연결시켜주는 인터페이스 보드입니다.

Highlights

- IPv6 지원 (IPv4 / IPv6 듀얼스택)
- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- Stateless / Stateful (DHCPv6) 주소 자동설정
- 강력한 보안 기능 (SSL3.0/TLS1.0, IP filtering, Password)
- 패킷 분할 구분문자 설정 기능
- 1개의 RS232 포트 지원 (최대 921.6Kbps - Xon/Xoff 사용경우 230.4Kbps, DB9-M 인터페이스)

Icons



Application



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

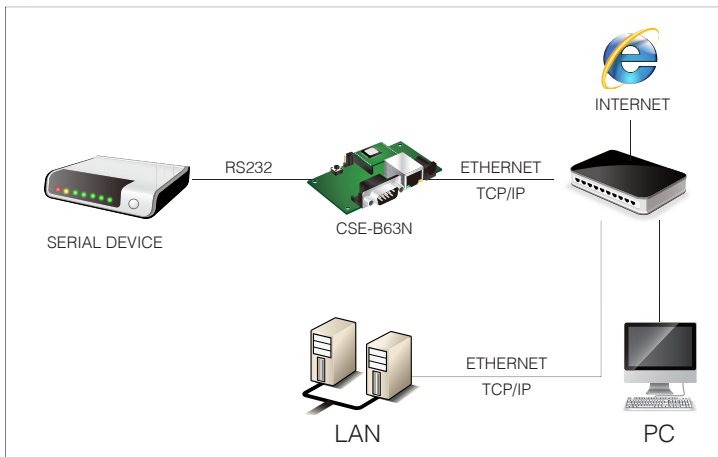
Indicators(LEDs)

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

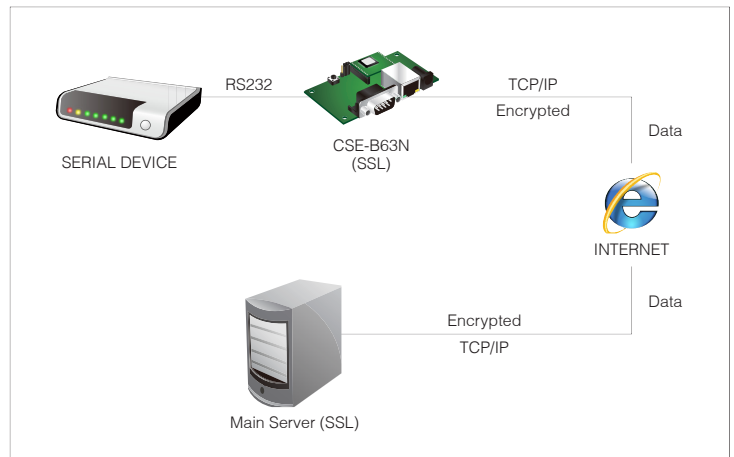
Supplementary Software

ezManager	Configuration Tool for Windows
ezVSP	Serial to Network Virtual Driver for Windows
ezTerm	Simple TCP/IP Communication Test Tool
Dimension	
Size	80.0mm x 44.0mm x 17.0mm
Operating Environment	
Input Voltage	DC 5V ±0.5V
Current 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