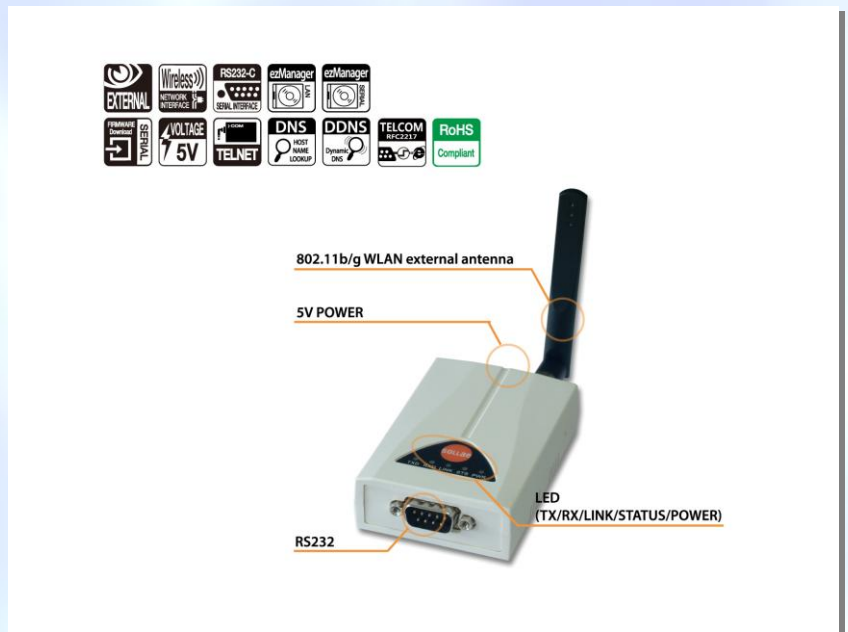


EasyWaytothe
INTERNET

CSW-H80



- Remote Monitor and Control serial devices
- Supports IEEE802.11b/g
- 2dBi dipole antenna (various types of antennas available)
- RS232 x 1 (up to 230,400bps, DB9-M interface)
- Security function : IP filtering, Password
- Flexible configuration and network communication by 'AT Commands' (patent)
- Supports communication with variety of TCP/UDP hosts(TCP Server/Client, UDP)
- Variety of communication status chekup(debugging mode, ezManager, Telnet)
- Supports DHCP for dynamic IP environment
- Supports 'DNS' protocol for simple connection to the Internet
- Supports Dynamic DNS(DDNS) : available as Server with dynamic IP environment
- IP Change Trap feature : useful with dynamic IP environment
- Telnet COM Port Control Option (RFC 2217)
- Easy configuration utility via network and serial for Windows OS (ezManager)
- Virtual COM Port Redirector 'ezVSP' for Windows OS(provided free of charge)
- Firmware is upgradable through the serial port
- Environmentally-friendly RoHS compliant

CSW-H80 is a wireless converter for serial devices. It adds network connectivity to your devices by processing TCP/IP protocol which is required to send and receive data over the Internet. CSW-H80 also makes it possible to extend the distance of serial communications without any change of your legacy systems or replace direct serial connection. This is a simple and easy way to bring the advantages of remote control and management to your serial devices. By using CSW-H80, your devices can be wirelessly controlled, managed and monitored over the Internet.



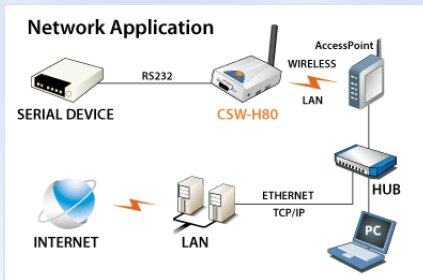
Sollae Systems Co., Ltd.

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General Information : ezTCP@sollae.co.kr Sales&Distribution : sales@ezTCP.com Technical Support : support@sollae.co.kr

System Diagram



Specifications

*Serial Physical Interface

Serial Interface : 1 x RS232 Port

RXD, TXD, RTS, CTS, DTR, DSR

±15KV ESD Protection

Connector : 1 x DB9M Connector

*Serial Port Property

Baudrate: 300 bps ~ 230400 bps

Data Bits: 5, 6, 7, 8 bits

Parity: None, Even, Odd, Mark, Space

Stop Bit: 1, 1.5, 2

Flow Control: RTS/CTS Hardware

* Network Physical Interface

Network Interface : IEEE802.11b/g wireless LAN

supplied with dipole 2dBi Antenna

SMA Female Connector for antenna

* Software Functions

Protocols :

TCP, UDP, IP, ICMP, ARP, TELNET

DHCP, DNS, DDNS

Telnet COM Port Control Option (RFC 2217)

Security :

WEP

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: Remote Debug Function

* Indicators(LEDs)

Power: Red

Status: Yellow, The current status

Wireless LAN Link: Green

Wireless LAN RXD: Yellow

Wireless LAN TXD: Green

* Processors

CPU: ARM7 Core

ROM: 512K bytes Flash Memory

RAM: 128K bytes SRAM

* Management

ezManager: Configuration and Monitoring

through Ethernet and Serial

Telnet : Telnet Login

AT Command: Configuring in ATC mode - Patent

* Supplenetary Software

ezManager : Configuration Tool for Windows through WLAN and serial

ezVSP: Serial to Network Virtual Driver for Windows

ezTerm: Simple TCP/IP Communication Test Tool

wflash: Firmware Upgrade Utility for Windows through serial port

* Dimension

Size: 93mm x 57mm x 24mm (without antenna)

Body Netweight: about 66g (without antenna),

about 79g (with antenna)

* Operating Environment

Input Voltage: DC 5±0.5V

Power Consumption: 300mA typical

Operating Temperature:



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