

CSC-H64

(Serial to Ethernet/WLAN Converter)



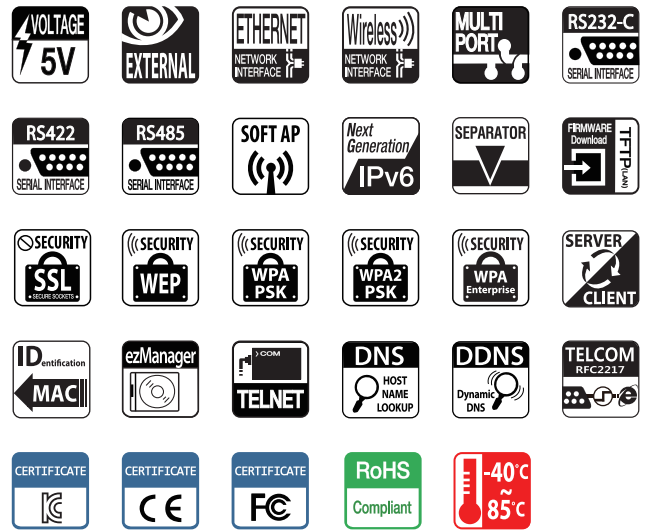
Overview

CSC-H64是让没有TCP/IP功能的串口设备数据让其遵循有无线标准并转换为TCP/IP数据的有线联网服务器(Serial to Ethernet Converter)或是无线串口联网服务器(Serial to WLAN Converter)。其不仅支持RS232接口还可以选择RS422或是RS485的支持4个串口端口的产品。支持-40℃~+85℃的工业级环境，并且设计成防止过电压、逆电压、过电流的回路。CSC-H64因支持网页设定可通过SoftAP功能，即使没有AP也可通过智能手机或是笔记本电脑等移动设备设定主要参数值。该产品还支持数据包分隔符设定功能，可根据客户的通信环境适用。

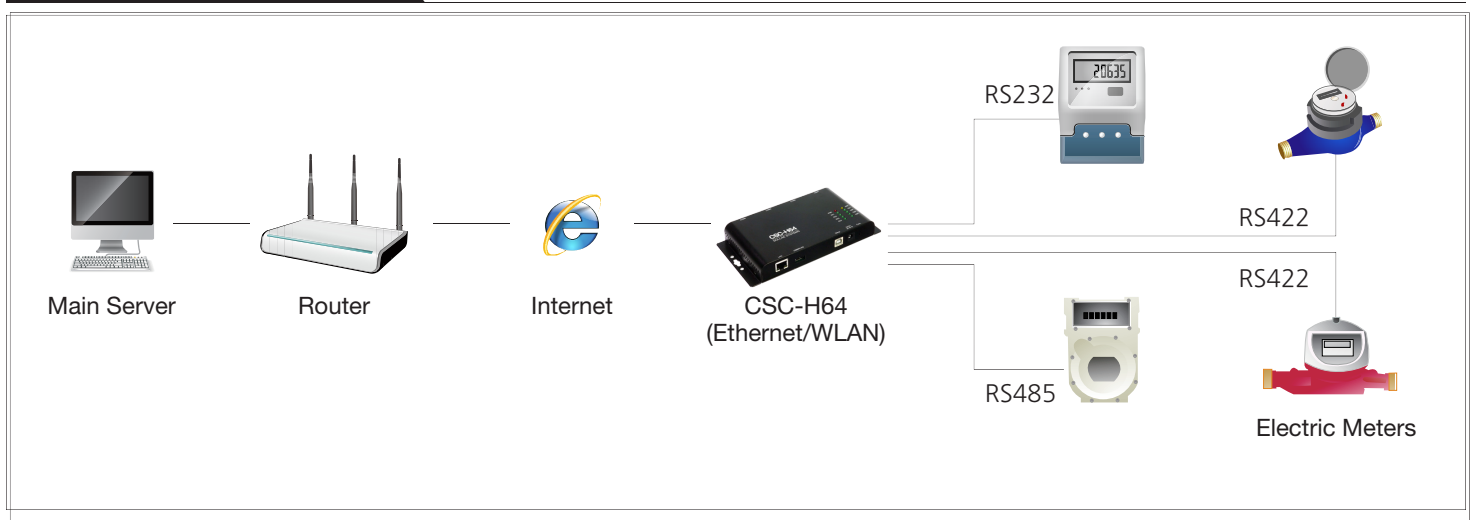
Highlights

- 将现有RS232/RS422/RS485串口设备连接到有线网络或是无线网络上 (*无线连接时需要无线网卡)
- 支持4个RS232/RS422/RS485串口端口(最大230,400bps, DB9-M接口) 自动检测LAN 10M/100M,自动监视局域网1:1/交叉电线
- IEEE 802.11 b/g
- 支持Infrastructure, Ad-hoc无线网络构成
- Soft AP(无需通过AP利用智能手机或是笔记本电脑设定及连接)
- 支持IPv6 (IPv4 / IPv6双协议栈)
- 保安功能 (SSL, Password, WEP, WPA-PSK, WPA2-PSK)
- 企业用WPA保安功能 (EAP-TLS, EAP-TTLS, PEAP)
- 工业用温度 (-40℃ ~ +85℃)

Icons



Applications



Specifications

Serial Physical Interface

Serial Interface	RS232 - RXD, TXD, RTS, CTS, DTR(Always ON), GND
	RS422 - TX+, TX-, RX+, RX-, GND with embedded 100K biasing resistors and TVS
	RS485 - TRX+, TRX-, GND with embedded 100K biasing resistors and TVS
Connector	9 pin D-sub male

Serial Port Properties

Baudrate	300bps~230,400bps
Data Bits	8 bits, 7 bits with parity
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 1.5, 2
Flow Control	RTS/CTS, Xon/Xoff

Network Interface

Network Interface	10Base-T or 100Base-TX (RJ45)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
Wireless LAN	Ralink RT3070/5370 USB wireless LAN dongle required on the USB A Connector
	IEEE 802.11b/g Wireless LAN
	WEP, WPA-PSK, WPA2-PSK, WPA-Enterprise (EAP-TLS, EAP-TTLS, PEAP)

USB Interface

USB A Connector	Ralink RT3070/5370 USB wireless LAN dongle for Wireless LAN
USB B Connector	For PC connection for serial configuration

Software Functions

Protocols	IPv4/IPv6 dual stack, ICMPv6/TCPv6/UDPv6
	TCP, UDP, IP, ICMP, ARP, TELNET
	DHCP, PPPoE, DNS, DDNS
	Telnet COM Port Control Option (RFC2217)
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)	
Power	Red
Status	Yellow
Serial TX (TCP)	Green
Serial RX (TCP)	Green
Management	
ezManager	Configuration and Monitoring Tool through Network and Serial
Telnet	Telnet Login
AT Command	Configuring in ATC mode - Patent
Supplementary Software	
ezManager	Configuration Tool for Windows
ezVSP	Serial to Network Virtual Driver for Windows
ezTerm	Simple TCP/IP Communication Test Tool
Dimension	
Size	180mm x 90mm x 24mm
Operating Environment	
Input Voltage	DC 5V \pm 0.5V (DC jack or USB)
Current Consumption	235mA typical
Power Protection	Reverse Voltage Protection, Surge Protection
Operating Temperature	-40°C ~ +85°C (without USB Wireless LAN adapter)
Storage Temperature	-40°C ~ +85°C (without USB Wireless LAN adapter)