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Connecting. Converting. Leading !

Serial to Ethernet + WiFi Converter : SC10EK2 W

Features



SC10EK2 W is a 2 port Serial to Ethernet + WiFi Converter. It supports 2 Serial Ports, a Fast Ethernet port & WiFi.

- CPU : MT7688AN MIPS CPU, 580 MHz
- RAM : 128M Bytes DDR2 RAM
- ROM : 32M Bytes Flash ROM
- OS : Open Wrt Linux OS

Ethernet

Port Type : RJ-45 Connector
Speed : 10 /100 M bps (Auto Detecting)
Protocol : ARP, IP, ICMP, UDP, TCP, HTTP, DHCP
Protocol : NTP, FTP
Mode : TCP Server / TCP Client / UDP
Setup : HTTP Browser Setup (IE & Netscape), Console
Security : Setup Password
Protection : Built-in 1.5KV Magnetic Isolation

WiFi port

Standard : 802.11b/g/n
Data Rate : 11/54/72.2 Mbps @ 20Mhz Band Width
Modulation : DSSS, OFDM
Frequency : 2.4GHz
Tx Power 11b : Max. 22dBm
Tx Power 11g/n : Max. 19dBm
Rx Sensitivity : -76dBm @ 54Mbps, -89.5dBm @ 11Mbps
Tx Rate : Max. 54Mbps with auto fallback
Tx Distance : Up to 100m
Security : WEP 64-bit / 128-bit data encryption, WPA / WPA2 personal
Antenna : 2 dBi, RP-SMA connector
Network Mode : Infrastructure, Soft AP (for Setup)
Mode : TCP Server / TCP Client / UDP / Virtual Com / Pairing
Setup : HTTP Browser Setup (IE, Chrome, Firefox)
Security : Login Password

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Serial Ports *2

Port : RS 232 * 1 Port, RS485/422 * 1, RS 232 - RX/TX only
Port : RS 422 / 485 Surge Protected
Speed : 300 bps to 921.6 K bps
Parity : None, Odd, Even, Mark, Space
Data Bit : 5, 6, 7, 8
Stop Bit : 1, 2
Flow Control : None, XON/XOFF
RS-232 Pins : Rx, Tx, GND
RS-422 : Rx+, Rx-, Tx+, Tx- (Surge Protect)
RS-485 : Data+, Data- (Surge Protect)
15KV ESD for all signals

Power

DC 9~32 V, 1000 ma, 1000mA@12V, support DC Jack & Terminal Input

Other Features

Digital Input / Output : GPIO * 8 Pins
Led Lamp : SYS, LAN, RX, TX, WiFi
RTC
Watch Dog Function

Mechanical and Environment

Operating Temperature : -20°C to 70°C
Storage Temperature : -25°C to 80°C
Dimensions : 95 * 95 * 27 mm (W * D * H)
Weight : 110 gm

Ordering Code : SC10EK2 W

SC10EK2 W : Base Model, 2 Port Serial to Ethernet + WiFi Converter