

## Serial To WiFi Converter 802.11 b/g

### WF-950



SPECIFICATIONS	
Part number	WF950
Processor	Atheros / AR2317 40 MHz
SDRAM	16 M bytes , FLASH ROM : 4M bytes
TX / RX Data buffer	4KB
SOFTWARE	
Windows Real COM Drivers	Windows 8 32/64-bit, Windows 7 32/64-bit, Windows Vista
Configuration Options	Web browser
Network Protocols	ICMP , IP , TCP , UDP , DHCP , BootP , ARP / RARP , DNS , SNMP MIB II , HTTPS, SMTP, SNTP
Serial modes	Virtual Com, TCP Server, TCP Client, UDP
Special features	TCP Alive Check Timeout Automatic Data Buffer Flush Adjustable number of connections IP access filtering Inactivity Timeout Delimiter for Data Packing Force TX Timeout for Data Packing Auto IP report System Event Notifications by SMTP Mail, SNMP Trap or Syslog
WIRELESS INTERFACE	
Standard Compliance	IEEE 802.11b/g
Network Modes	Infrastructure, Ad-Hoc
Transmit Power	802.11b : Maximum 20 dBm 802.11g : Maximum 18 dBm
Receive Sensitivity	-70 dBm @ 54 Mbps , -85 dBm @ 11Mbps

Radio Frequency Type	DSSS/OFDM
Transmission Rate	54 Mbps ( max. ) with auto fallback ( 54 , 48 , 36 , 24 , 18 , 12 , 11 , 9 , 6 , 5.5 , 2 , 1 Mbps)
Transmission Distance	Up to 100 meters (at 12 Mbps, in open areas)
Wireless Security	Infrastructure: None, WEP 64-bit / 128-bit data encryption (Open / Shared), WPA-PSK, WPA2-PSK (TKIP / AES) Ad-Hoc: None, WEP 64-bit / 128-bit data encryption (Open / Shared)
Max simultaneous host connections	Selectable 1 - 5 for Virtual Com / TCP server
<b>LAN INTERFACE ( for configuration / Ethernet hub )</b>	
Ethernet	10 / 100 Mbps , RJ45
Protection	Built-in 1.5 KV magnetic isolation
<b>SERIAL INTERFACE</b>	
Ports	1 x RS-232 / RS422 / RS485 port , male DB9 , S / W selectable
Baud rate	110 bps to 115200bps
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	XON/XOFF
Serial Line Surge Protection	15 KV ESD for all signals
Serial Signals	RS-232: TxD, RxD, GND RS-422: TxD+, TxD-, RxD+, RxD-, GND RS-485-2 wire: Data+, Data-, GND RS485-4 wire: TxD+, TxD-, RxD+, RxD-, GND
<b>PHYSICAL CHARASTERISTICS</b>	
Housing	Aluminum sheet metal
Antenna Connector	Reverse SMA , 2 dBi Antenna
Dimensions	105 x 105 x 27mm
Operating Temperature	0°C to +70°C ( +32°F to +131°F ) , 5% to 95% RH
Input Voltage	12 VDC 1A
Standards and Certifications	FCC, CE, RoHS
Warranty	1 year