

## I WIZ610wi-EVB



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Product Detail ▾

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#### ► Feature

- Stand-alone typed 802.11b/g wireless LAN module
- Ethernet to Wireless Bridging Enable wired network device to have wireless communication interface
- Supports Serial Interface for "Serial to Wireless" application
- Supports AP/Station/Gateway mode
- 54Mbps data rate and Max.20Mbps Effective Data Transmission
- Full-Featured Network Protocol Stack
- Built-in Web server for configuration via standard web browser

#### ► Specification

<b>Wireless Specifications</b>	
Wireless Standards	IEEE 802.11b 802.11g
Frequency Range	2.412GHz ~ 2.462GHz (US & Canada)
	2.412GHz ~ 2.472GHz (Europe)
	2.412GHz ~ 2.484GHz (Japan)
Output Power	16dBm@802.11b(1~11Mbps) 14dBm@802.11g(1~54Mbps)
Receive Sensitivity	802.11b -65dBm@11Mbps 802.11g -76dBm@54Mbps
Data Rates With Automatic Fallback	54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps, automatically fallback to 5.5Mbps, 2Mbps, 1Mbps
	11Mbps, 5.5Mbps, 2Mbps, 1Mbps

Range	Up to 150m/2.5dBi antenna gain
Modulation Techniques	11g OFDM (64QAM, 16QAM, QPSK, BPSK) 11b DSSS (CCK, DQPSK, DBPSK)
<b>Serial Interface</b>	
Interface	UART CMOS (Asynchronous) 3.3V-level signals, rate is software selectable
Serial Line Formats	7 or 8 data bits, 1-2 Stop bits
Parity	odd, even, none
Flow Control	XON/XOFF (software), CTS/RTS (hardware), none
<b>Network Interface</b>	
Interface	MII, Wireless 802.11b, 802.11g
Protocols Supported	ARP, UDP, TCP, Telnet, ICMP, DHCP, PPPoE, BOOTP, HTTP, SMTP, TFTP
<b>Management</b>	
HTTP / Telnet	
<b>Security</b>	
WEP 64/128bit, WPA/WPA2 PSK/AES/TKIP, 802.1x(Radius)	
<b>Hardware</b>	
32mm X 39 mm X 9mm, Pin Header type	
<b>Power Consumption</b>	
Average Consumption	under 470mA
<b>Environmental</b>	
Operating range,WLAN	-30~70°C
Storage range	-20~ 77°C