EZBridge 802.11g
High Speed Version

The EZBridge PCB card aims at providing assistance in building a high-speed connection between your wired LAN and one or more Wireless Local Area Networks.

Features:

- IEEE 802.11g suports data rates up to 54Mbps.
- Backwards compatible with existing IEEE 802.11b devices.
- Supports 64/128-bit WEP encryption.
- Built-in Web-based utility for easy configuration from any web browser.
- Firmware upgradeable through Ethernet.
- Supports wireless bridging and MAC address filtering.

Technical Specifications	
Network Standard:	Draft 802.11g, 802.11b
Operating Channels:	(US/FCC: 1-11, Europe/ETSI: 1-13, Japan/MKK: 1-14)
Port:	One 10/100 Port
Data Rate:	Up to 54 Mbps (Wireless), 10/100 Mbps (Ethernet)
LEDs	LAN, WLAN, Power
Transmit Power:	17.5dBm (CCK) 14dBm (OFDM 54M) 17.5dBm (OFDM 6M)
Receive Sensitivity:	11 Mbps: -86dBm 54 Mpbs: -69dBm
Modulation: 802.11b 802.11g	CCK, DQPSK, DBPSK BPSK, QPSK, 16QAM, 64QAM
Spreading: 802.11b 802.11g	DSSS OFDM
Network Protocols:	TCP/IP, IPX/SPX, NetBEUI
Antenna Connector:	MMCX Connector (Use connector nearby the LED for Outdoor Installaions.)
Uplink:	100 base T Ethernet
Network Architecture Types:	Infrastructure
Security Filter:	MAC Address Filtering
Regulatory Approval:	FCC 47CFR15 subpart C (15.247) and Class B device ETSI 300-3328/301-489-17 (General EMC requirement for RF equipment)
Weight PCB:	195g (6.87 oz)
Dimensions PCB:	161mm x 30mm x 119mm (6.3" x 1.2" x 4.7")
Weight with NEMA4 Box:	1.13 Kg (2.5 lb)
Dimensions w/ NEMA4 Box:	7" L x 5.4" W x 2.8" H (18cm L x 13.8cm W x 7.3cm H)
Environmental:	Operating Temperature: -20°C to 70°C (-4°F to 158°F) Humidity: 10 to 90% (non-condensing)
AC Adapter:	Input 120 VAC -- 60 Hz -- 10 W Output 7.5 VDC -- 1.5 A