EZ2v1 PCB 250mw 24dB 802.11b/g   EZ2v1

The EZ2v1 is a high power outdoor 250mW wireless Client Bridge / Router system operating in the 2.4GHz unlicensed frequency spectrum providing real world thruput up to 15 Mb/sec.

It complies with the 802.11b and g standards to insure interoperability.

With its advanced software, the EZ2v1 supports multiple operating modes, including; Client Bridge, Client Router, Access Point Router, Access Point + WDS and Point to Point.

TECHNICAL SPECIFICATIONS	
OS	EZ-OS
Frequency Range IEEE Standard Compliance	IEEE 802.11b 2.4GHz CCK, 802.11g 2.4GHz OFDM
Frequency Range	2.4 GHZ – 2.485 GHz
Channel Support	ETSI: 13 channels, US11 channels
Data Rate	802.11b: 211 / 5,5 / 2 / 1 Mbps 802.11g: 54 / 48 / 36 / 24 / 12 / 9 / 6 Mbps
Sensitivity	802.11b: -86 +/- 2dBm @ 11Mbps 802.11g: -76 +/- 2dBm @ 54Mbps
RF output power stepping	802.11b: 0 to 24 dBm at 1dBm increments 802.11g: 0 to 20 dBm at 1dBm increments
Output power	802.11b: 250mW @ 11Mbit 802.11g: 00mW @ 54Mbit
Operating modes	AP Client router (WISP mode) AP Client Bridge Access Point Router AccessPoint Bridge WDS, WDS+AP Universal Repeater
Security	Password protection MAC filtering Hidden SSID broadcast 64 / 128-bit WEP encryption WAP for 802.1x and WPA-PSK WAP2 / IEEE 802.11i
Management	Web interface Full control by SSH connection Full control by Telnet connection
Antenna connector	MMCX
Power	12V to 18V Passive PoE ONLY !!
Operating environment	Temprature -30C to 60C Humidity 10 – 90% (non condensing)
Dimensions	112x83 mm
Wi-Fi Compliant	2.4 GHz band (802.11b) 2.4 GHz band (802.11g) WPA and WPA2