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EZStation2

All-in-One 2.4GHz 400mW Radio with 15dBi Patch Antenna

Teletronics' EZStation2 is designed as a low cost versatile 2.4 GHz radio for Wireless ISPs to move their services to the next level. It is a compact indoor/outdoor design integrated with a 15 dBi patch antenna. With surge protection and a RJ45 water proof connector, it makes EZStation2 0 a perfect candidate for outdoor wireless broadband applications. While it is compact and simple, its performance rivals any high end radio in the existing market. Antenna Specifications.



Radio Specifications:

Standard	802.11b/g (Wireless), 802.3 (10BaseT), 802.3u (100BaseT)
Modulation	OFDM
Frequency Range	2.412 GHz - 2.4835 GHz
Frequency Band	N. America / FCC : 2.412 ~ 2.462 GHz (11 Channels) Europe CE / ETSI : 2.412 ~ 2.472 GHz (13 Channels)
Data Rate	802.11b (11Mbps, 5.5Mbps, 2Mbps, 1Mbps) 802.11g (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps)
Transmit Power	RF Output Power : 26±1.5dBm@11b RF Output Power : 20±1.5dBm@11g
Receiver Sensitivity	802.11b -80 dBm@8%PER, 802.11g -68 dBm@8%PER
Operation Modes	AP Client Router, AP Router, AP Bridge, Repeater, and WDS Modes
Data Security	64 bit/ 128 bit WEP, WPA, Port Filtering, IP filtering MAC filtering, Port forwarding and DMZ hosting
PoE Power Adapter	DC 48V
External PoE Injector	IEEE 802.3 (Ethernet)
Surge Protection	surge protector on PCB & PoE
Enclosure	WeatherProof Enclosure
Integrated Antenna	15dBi Patch Antenna
Temperature	-40 to +70 °C
Humidity	5 to 90 % maximum (non-condensing)
Warranty	1 Year



Antenna Specifications

Frequency Range	2400 ~ 2500 MHz	E-plane Half Power Beamwidth:	20°/15°
Gain	15dBi	Front Back Ratio	> 25 dB
VSWR	< 1.5	Max. Power:	50 W
Impedance	50 Ohms	Height x Width x Depth:	10.6" x 7.6" x 1.7"
Polarization	Vertical/Horizontal	Ground	Direct Ground
H-plane Half Power Beamwidth:	20°/22°	Radome Material	ABS, UV resistant

