iEZBridge 100mW
2.4 GHz

Features:

iEZBridge is a quick, easy and cost-effective way to enable fast and reliable point-to-point wireless connectivity. The iEZBridge package is in a class of its own using robust, high-quality technology yet still features a very low-cost outdoor CPE solution.

Teletronics iEZBridge includes: 2.4 GHz Integrated Antenna & Radio, mounting hardware, Power Over Ethernet Interface and Power Supply.

iEZBridge:
- Low-Cost CPE Solution.
- Highly professional and aesthetic CPE solution.
- Built to ETSI requirement to withstand all electrical and environmental issues
- Customer self-installed CPE

Item# 11-206

Technical Specifications

Operating Temperature:	0 to 60° C (32 to 140° F)
Humidity (non-condensing):	5 ~ 80%
Enclosure:	Waterproof
Dimensions:	12" L x 12" W x 3" H
Weight:	10lb
Ethernet Gland:	Designed for outdoor ethernet cable
Total Output Power:	35 dBm
Gain:	15dBi
Type:	Integrated Patch
Polarization:	Vertical & Horizontal

Board Specifications

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Protocol:	IEEE 802.11b
Spreading:	Direct Sequence Spread Spectrum (DSSS)
Modulation:	DBPSK @ 1Mbps; DQPSK @ 2Mbps; CCK @ 5.5 and 11Mbps
Frequency Band:	2.4 GHz (ISM band)
Data Rate Supported:	1, 2, 5.5, and 11 Mbps
RF Communication Modes:	Station Bridge, Ad-Hoc and AP modes supported
Operating Channels:	11 channels (US, Canada) 13 channels (ETSI) 4 channels (France) 14 channels (Japan)
Transmit Gain:	20±1dBm (~100 mW) Typical;
Receive Sensitivity:	1 Mbps: -93 dBm, 2 Mbps: -90 dBm 5.5 Mbps: -85 dBm, 11 Mbps: -82 dBm
TX/RX Range:	Indoor: 11 Mpbs = 164 Ft. (50 m) 11 Mbps = 360 Ft. (110 m) Outdoor: 11 Mbps = 787 Ft. (240 m) 1 Mpbs = 1968 Ft. (600 m)
Antenna Connector:	MMCX Connector (Use connector nearby the LED for Outdoor Installaions.)
Uplink:	10 base T Ethernet
Network Architecture Types:	AP Bridge Level 2 Infrastructure Bridge Level 2.5
Security Filter:	MAC Address Filtering
Regulatory Approval:	FCC Part 15, Sec. 15.247, Sec. 15.107 and Class B
Weight PCB:	195g (6.87 oz)
Dimensions PCB:	5.75" L x 3.38" W x 1.25" H (15cm L x 8.5cm W x 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