



Long Range Wireless Outdoor Bridge/ Client Bridge/ AP

Model: ib 200 ext (DLX)

2.4 GHz Frequency



FEATURES AND BENEFITS :

FEATURES	BENEFITS
Point-to-Point/ Point-to-Multipoint Wireless Connectivity	Lets users transfer information between two buildings or multiple buildings across the area.
Lightning Protector (Surge Arrester) *	Includes 3 lightning protected factors located in power amplifier, DC-Converter and DC-Injector and a external lightning protector
Watertight and Weatherproof	Avoid water invaded and weather corroded.
Excellent Range with Antenna and Power Amplifier Options	Provides wireless link up to 25km(16miles using antennas and power amplifiers.
64 /128-bit WEP Data Encryption	Powerful data security.
Hide SSID (AP Mode)	Avoids unallowable users sharing bandwidth, increases efficiency of the network.
DHCP Client	Simplifies network administration.
MAC Address Filtering (AP Mode)	Ensures secure network connection
Power Amplifier Upgradeable	Flexibility and Cost Effective
Power Over Ethernet (PoE)	Easy installation & Cost Effective
Web-based Configuration	Helps administrators to remotely configure or manage the Bridge with web browser

* Optional

SPECIFICATIONS :

GENERAL	
Data Transfer Rate	11, 5.5, 2 and 1 Mbps, Auto Fall-Back
Compatibility	IEEE 802.11b compliant
Regulation Certifications	FCC Part 15/UL, ETSI 300/328/CE

NETWORK :

Topology	Point-to-Point/ Point-to-Multipoint/ Infrastructure
Firmware Upgrade	Upgrade firmware via Web
Security	MAC address filtering (AP Mode) WEP encryption (64/128-bit) Hide SSID in beacons, stations can not use "any" SSID (AP Mode)
IP Auto-configuration	DHCP Client
Management	Web-based configuration

RADIO:

Frequency Band	2.400GHz - 2.484GHz
Radio Type	Direct Sequence Spread Spectrum (DSSS)
Operation Channels	11 for North America, 14 for Japan, 13 for Europe, 2 for Spain, 4 for France
Modulation	11 Mbps / 5.5 Mbps: CCK 2 Mbps: DQPSK 1 Mbps: DBPSK
RF Output Power	23dBm(200mW) - FCC 20dBm(100mW) – CE
RF Connector	N-Type connector (N-Female Reverse - FCC standard)

ENVIRONMENT:

Temperature Range	-10 to 55C (32 to 131F) - operating -20 to 80C(-4 to 176F) - storage
Humidity (non-condensing)	5% - 95% typical

ELECTRICAL:

Power Supply	Active Ethernet (Power over Ethernet) -48 VDC/0.7A External Unit: Auto sensing 100/240 VAC; 50/60 Hz
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