



**Long Range Wireless Outdoor
Bridge/ Client/ Remote**

Model: *ib200 FP*

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 1 lightning protector for the antenna connectivity.
Watertight and Weatherproof	Avoid water invaded and weather corroded.
Excellent Range with built-in 14dBi Flat Panel Antenna	Provides wireless link up to 10 km using inbuilt antenna
64 /128-bit WEP Data Encryption	Powerful data security.
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

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	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) External Unit: Auto sensing 100/240 VAC; 50/60 Hz
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Marketed and Distributed:

BRIJ INFOTECH PVT. LTD.

A4/16, Siddhartha Nagar II, Goregaon (West),
Mumbai- 400 062 Tel: 022 – 28789630

Email: sales@brijindia.com

URL: www.brijindia.com