

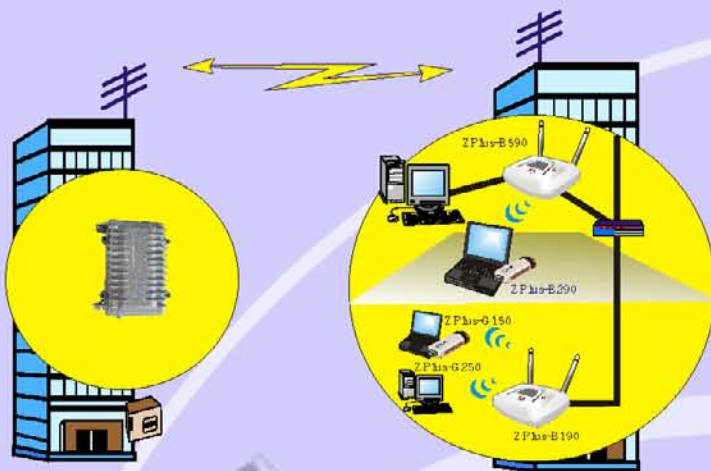
Wireless LAN Outdoor Bridge

ZINWELL ZPlus-B191-OD Wireless Outdoor Bridge is fully complied with 802.11b standard, featuring with easy-to-install, and easy-to-manage, building-to-building and building-to-multi-buildings connection.

Our Outdoor Bridge is a flexible and cost-effective product which allows you to connect LANs located in far distant buildings with data rate up to 11Mbps, ZPlus-B191-OD is an idea device to replace the expensive lease lines, such as T1 line or fiber optics.

With Power over Ethernet function, ZPlus-B191-OD reduces installation expenses and increases location options by using a single Ethernet cable to supply both data and power to our Wireless Outdoor Bridge.

You can use any N-type antenna for our Wireless Outdoor Bridge to fit to your network environment for distance that ranged from short to long.

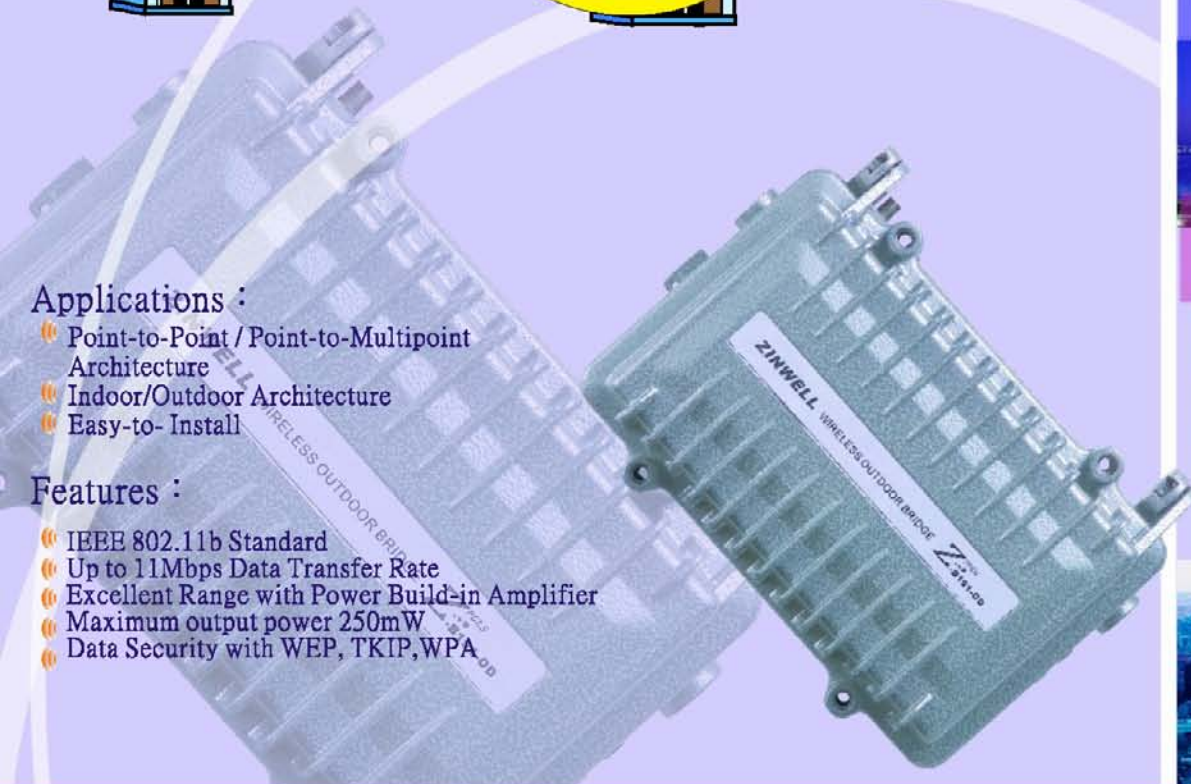


Applications :

- Point-to-Point / Point-to-Multipoint Architecture
- Indoor/Outdoor Architecture
- Easy-to- Install

Features :

- IEEE 802.11b Standard
- Up to 11Mbps Data Transfer Rate
- Excellent Range with Power Build-in Amplifier
- Maximum output power 250mW
- Data Security with WEP, TKIP, WPA



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General Specifications

Standards	IEEE802.11b for Wireless LAN, IEEE802.3 for Wired LAN
Port	One Waterproof 10/100 LAN Port
Modulation Technology	DSSS (DPBSK, DQPSK, CCK)
Range	Open Space: 100m~300m Indoor: 50m~100m
Data Rates	1, 2, 5.5, 11 Mbps
Media Access Control	CSMA/CA with ACK
Certification	FCC/CE

Software Features

Security Mode Support	WEP 64/128-bit, WPA, TKIP, 802.1x AP, AP Client, WDS 802.11f (IAPP) Auto-Channel Selection 802.1d with Spanning Tree Protocol DHCP Client and Server
Software Support	Web UI Management Firmware Upgrade from Web UI Configuration Save and Reload from Web UI MAC Filtering MAC Clone

Radio Specifications

Frequency Range	2.400~2.497 GHz ISM Band
Channels	USA/Canada: 11 ;Japan: 14 France: 4; Most Europe : 13
Transmit Power	+18 dBm +/-1dB (11Mbps), before Antenna port
Receiver Minimum Input Level Sensitivity (Typical)	-87 dBm +/- 2 dB (11 Mbps) @ 8% PER -93 dBm +/- 2 dB (5.5 Mbps) @ 8% PER -95 dBm +/- 2 dB (2 Mbps) @ 8% PER -97 dBm +/- 2 dB (1 Mbps) @ 8% PER
RF Output Power (Software Switch)	250mW, 200mW, 150mW, 100mW, 50mW
Antenna	One External Antenna N-type Female Connector

Physical Specifications

Dimensions (mm)	235*170*85
Weight (g)	1480
Power Supply	Active Ethernet (PoE) : -48VDC / 0.7A External Unit : Auto Sensing 100/240VAC 50/60Hz
Power Consumption	Continuous Transmitting: 760 mA (Max.) Continuous Receiving: 460 mA (Max.)

Environment Specifications

Operating Temperature	0°C~55°C
Storage Temperature	-20°C~75°C
Humidity	10% to 90%
Operating Voltage	5.0VDC(+/- 0.5 V)