Product Long Range Wireless Outdoor Bridge/ Client Bridge /AP

Model no. NL-2511 BG2 PLUS (Deluxe)



Features sand 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 and cost-effective
Web-based Configuration	Helps administrators to remotely configure or manage the Bridge with web browser
Seamless Roaming	Allows users to travel between APs without losing their network connection

Specifications

General	
Data Transfer Rate	11, 5.5, 2 and 1 Mbps, Auto Fall-Back
LED Indicator	Power: Bridge, DC Converter, Power Amplifier Others: WLAN, LAN
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

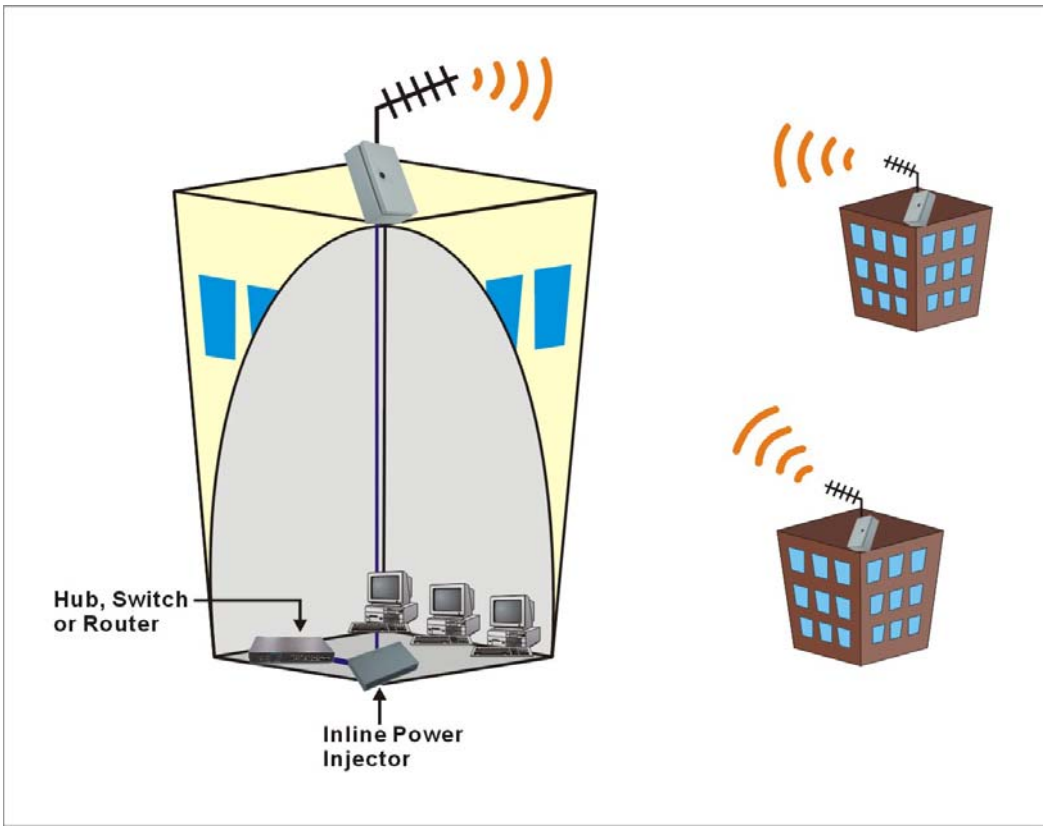
Radio	
Frequency Band	2.400～2.484 GHz
Radio Type	Direct Sequence Spread Spectrum (DSSS)
Operation Channels	11 for North America, 14 for Japan, 13 for Europe, 2 for Spain, 4 for France
Modulation	11 Mbps / 5.5 Mbps CCK；2 Mbps: DQPSK；1 Mbps: DBPSK
RF Output Power	23dBm(200mW)--FCC 20dBm(100mW)--CE
RF Connector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

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

Physical Specifications	
Dimensions	354(L)mm * 249(W)mm * 89(H)mm 13.9(L)in. * 9.8(L) in. * 3.5(H) in.
Weight	2.1Kg

Electrical	
Power Supply	Active Ethernet (power over Ethernet) –48

	VDC/0.7A External Unit: Auto sensing 100/240 VAC; 50/60 Hz
Surge Arrester	20KA Surge Current


Hub, Switch
or Router
Inline Power
Injector

