PRODUCT DATASHEET

Wireless Outdoor Multi-Client Bridge 2611CB5 PLUS

2.4 GHz **802.11 b** **11 Mbps**

The Wireless Outdoor Multi-Client Bridge is a fully interoperable with all IEEE 802.11b compliant equipment, and is designed to fulfill your Outdoor Wireless Last Mile requirement. A flexible solution that operates in bridge-to-bridge mode and supports point-to-point topology, it is perfect to link building-to-building, making it ideal for installations in difficult-to-wire environments, SOHO, wired LAN backup and also wireless extensions to Ethernet networks



Features	Benefits
Up to 23dBm (200mW) RF Output Power	Up to 9 times coverage of regular multi-client bridge
11Mbps IEEE 802.11b Compliant	Fully interoperable with IEEE 802.11b compliant devices
Extreme Temperature Range and Robust Mechanical Design	Delivers reliable, top performance in the most demanding environments
Plug and Play	No driver needed, easy and quick to connect your Ethernet device to Wireless
Power-over-Ethernet (PoE)	Flexible Access Point locations and cost savings
DHCP Client for Dynamic IP Support	Simplifies network administration
Built-in Patch Antenna on Front Panel Housing	No additional antenna required saving hardware cost
Web/Telnet/SNMP Remote Configuration Management	Help administrators to remotely configure or manage the Access Point/ Router using a web-browser

* Theoretical wireless signal rate based on IEEE standard of 802.11a, b, g chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate.

** All specifications are subject to change without notice. 7/21/2005

Technical Specifications

Data Rates
1, 2, 5.5, 11 Mbps

Standards
IEEE802.11b, IEEE802.3, IEEE802.3u

Compatibility
IEEE 802.11b

Power Requirements
AC/DC Adapter: 24V / 0.8A (via AC power outlet 100~240V)

Regulation Certifications
FCC Part 15/UL, ETSI 300/328/CE

RF Information

Frequency Band
2.400～2.484 GHz

Media Access Protocol
Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA)

Modulation Technology
Direct Sequence Spread Spectrum (DSSS)
11 Mbps / 5.5 Mbps: CCK
2 Mbps: DQPSK
1 Mbps: DBPSK

Operating Channels
11 for North America, 14 for Japan, 13 for Europe,
2 for Spain, 4 for France

Receive Sensitivity (Typical)
-94dBm @ 1Mbps
-86dBm @ 11Mbps

Available transmit power (Typical)
21 ± 2dBm @1, 2, 5.5 and 11Mbps (Depend on Different Countries' Regulation)

RF Connector
SMA- Female Reverse (Option)

Antenna
9dBi Internal

Networking

Topology
Ad-Hoc, Infrastructure (via Outdoor AP)

Operation Mode
Client Bridge

Interface
One 10/100Mbps RJ-45 LAN Port

Security
MAC address filtering
WEP encryption (64/128 bit)

IP Auto-configuration
DHCP client

Management

Configuration
Web-based configuration (HTTP)
Telnet configuration
SNMP Agent (MIB I / II)

Firmware Upgrade
Upgrade firmware via TFTP
Serial Interface (RS-232)

Physical

Dimensions (LxWxH)
163.8(L)mm * 135.2(W)mm * 47.0(H)mm

Weight
1.2 Kg (2.6 lbs)

Environmental

Temperature Range
Operating: -20°C to 70°C (-4°F to 158°F) -
Storage: -40°Cto 80°C (-40°F to 176°F)

Humidity (non-condensing)
5%~95% Typical

Package Contents

- Outdoor Wireless Client Bridge unit
- 24V, 0.8A AC/DC adapter with wall-plug power code
- Inline Power Injector (PoE)
- 1.8m Grounding Cable
- User manual CD-ROM
- Wall mounting kit
- Mast mounting kit
- Waterproof kit

Related Product(s)

11g High-power Client Bridge
3054CB3+ (Deluxe)
NOC-3220

11b Outdoor AP/ Bridge/ Router
2511HS+
2511BG+

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