

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

*** Subject to change without prior notice



EL – 2611CB5 PLUS

Wireless Outdoor Multi-Client Bridge/AP/WDS



2.4 GHz

802.11 b

11 Mbps

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

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°C to 80°C (-40°F to 176°F)

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 *

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

RELATED PRODUCT(S)

11b High-power Wireless Cardbus Adapter

2511CD+

11b High-power Client Bridge

2611CB3+(Deluxe)

11b Outdoor AP/ Router

2511HS+

2511BG+

11b Outdoor AP-Client

2611CB5+

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