

# PRODUCT DATASHEET

Wireless Multi-Client Bridge/AP

2611CB3 PLUS (Deluxe)

2.4 GHz

802.11 b

11 Mbps

The Wireless Multi-Client Bridge/Access Point operates in the 2.4 GHz frequency spectrum supporting the 802.11b (2.4GHz, 11Mbps) wireless standard. It's the best way to add wireless capability to your existing wired network, or to add bandwidth to your wireless installation.

To protect your wireless connectivity, it can encrypt all wireless transmissions through 64/128-bit WEP data encryption. The MAC address filter lets you select exactly which stations should have access to your network. With the Wireless Multi-Client Bridge/Access Point, you'll experience the best wireless connectivity available today.



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
Point-to-point, Point-to-multipoint Wireless Connectivity	Let users transfer data between two buildings or multiple buildings
Plug and Play	No driver needed, easy and quick to connect your Ethernet device to Wireless
Power-over-Ethernet (IEEE 802.3af Compliant)	Flexible Access Point locations and cost savings
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
Web-based configuration	Helps administrators remotely configure or manage the multi-client bridge using a web-browser
MAC address filtering (AP Mode)	Ensures secure network connection
Seamless Roaming	Allows users to roam between APs without losing their network connection

\* 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.

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## Technical Specifications

### Data Rates

1, 2, 5.5, 11 Mbps

### Standards

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

### Compatibility

IEEE 802.11g/ IEEE 802.11b  
compliant

### Power Requirements

Power Supply: 90 to 240  
VDC  $\pm$  10% (depends on  
different countries)  
Device: 12 V/ 1A

### Status LEDs

LAN: Link, WLAN: Link,  
Power: on/off

### 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  $\pm$  2dBm @1, 2, 5.5 and  
11Mbps (Depend on  
Different Countries'  
Regulation)

### RF Connector

TNC Type (Female Reverse)

### Networking

#### Topology

Ad-Hoc, Infrastructure

#### Operation Mode

Point-to-Point/ Point-to-  
Multipoint Bridge/ AP/ Client  
Bridge

#### Interface

One 10/100Mbps RJ-45 LAN  
Port

#### Security

MAC address filtering  
WEP encryption (64/128 bit)  
Hide SSID in beacons  
Layer 2 Isolation

#### IP Auto-configuration

DHCP client/server

#### Management

#### Configuration

Web-based configuration  
(HTTP)

#### Firmware Upgrade

Upgrade firmware via web-  
browser

#### Physical

#### Dimensions (HxWxD)

125(L)mm \* 108(W)mm \*  
31(H)mm  
4.9 (L)in\* 4.3(W)in \* 1.2(H)in

#### Weight

350 g (0.8 lb.)

#### Environmental

#### Temperature Range

Operating: -10°C to 45°C  
(14°F to 113°F) -  
Storage: -40°C to 70°C (-40°F  
to 158°F)

#### Humidity (non-condensing)

5%~95% Typical

#### Package Contents

One Multi-Client Bridge/AP  
One Power Adapter  
One CAT5 UTP Cable  
One Quick Start Guide  
One CD-ROM with User's  
Manual

### Related Product(s)

11g Wireless Carbus Adapter  
3054CB+ Aries2  
SPC-362  
11b High-power Wireless  
PCMCIA Adapter  
2511CD PLUS  
11g High-power Client Bridge  
3054CB3+ (Deluxe)  
11b Outdoor AP/ Router  
2511HS+  
2511BG+

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