

2.4 GHz

802.11b/g

54 Mbps



Features	Benefit
MAC address filtering (AP Mode)	Ensures secure network connection
Watertight and Weatherproof	Avoid water invaded and weather corroded for mounting in outdoor
IP/MAC tunneling	Ensures stations' identity in back of client bridge.
Power-over-Ethernet (IEEE802.3af Compliant)	Flexible Access Point locations and cost savings
Built-in Patch Antenna on Front Panel Housing	No additional antenna required saving hardware cost and easy to install

*** Subject to change without prior notice

Technical Specifications

Data Rates

1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps

Standards

IEEE802.11b/g, IEEE802.1x, IEEE802.3, IEEE802.3u

Compatibility

IEEE 802.11g/ IEEE 802.11b

Power Requirements

Active Ethernet (802.3af) – 48 VDC/0.375A

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

Orthogonal Frequency Division Multiplexing (OFDM)
DBPSK @ 1Mbps
DQPSK @2Mbps
CCK @ 5.5 & 11Mbps
BPSK @ 6 and 9 Mbps
QPSK @ 12 and 18 Mbps
16-QAM @ 24 and 36 Mbps
64-QAM @ 48 and 54 Mbps

Operating Channels

11 for North America, 14 for Japan, 13 for Europe,

Receive Sensitivity (Typical)

802.11g:

-88dBm @ 6Mbps
-70dBm @ 54Mbps

802.11b:

-92 dBm @ 1Mbps
-85 dBm @ 11Mbps

Available transmit power

(Typical)

- 2.412~2.472G(IEEE802.11g)

up to 26dBm @ 1~24Mbps
23dBm @ 36Mbps
21dBm @ 48Mbps
20dBm @ 54Mbps

- 2.412~2.472G(IEEE802.11b)

Up to 26dBm. @1 ~ 11Mbps

Antenna

16dBi Patch Internal

NETWORKING

Topology

Ad-Hoc, Infrastructure

Operation Mode

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

Interface

Wireless IEEE802.11b/g

One 10/100 RJ-45 port
RS232 connector

Security

IEEE802.1x authenticator / RADIUS client (EAP-MD5/TLS/TTL) support in AP mode
WPA / Pre Share KEY (PSK)/ TKIP
MAC address filtering
Hide SSID in beacons
L2 isolation

IP Auto-configuration

DHCP client/server

MANAGEMENT

Configuration

Web-based configuration (HTTP)
SNMP V1, V2c (MIBI, MIBII)

Firmware Upgrade

Upgrade firmware via web-browser

PHYSICAL

Dimensions

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

Weight

1.2 Kg (2.6 lbs)

ENVIRONMENTAL

Temperature Range

Operating: -10°C to 50°C (14°F to 122°F) for DC in -10°C to 40°C (14°F to 104°F) for POE power supply.

Storage: -40°C to 70°C (-40°F to 158°F)

Humidity (non-condensing)

5%~95% Typical

PACKAGE CONTENTS

- Outdoor Wireless Client Bridge unit
- 48V, 0.375A AC/DC adapter with wall-plug power code
- Inline Power Injector (PoE)
- 1.8m Grounding Cable
- User's manual CD-ROM
- Wall mounting kit
- Mast mounting kit
- Waterproof kit

RELATED PRODUCT(S)

11a/b/g High-power Wireless USB Adapter

EUB-362 (802.11b/g)
EUB-862 (802.11a/b/g)
EUB-8310 (802.11a/b/g)

11b High-power Client Bridge 2611CB3 PLUS (Deluxe)

11b/g Outdoor AP-Client 2611CB5 PLUS

EOC-3610
EOC-8610 Series

11b/g Indoor AP-Client ECB-3220 (802.11g)

ECB-8610 (802.11a/b/g)

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