



802.11b Wireless Client Bridge/ Access Point

EL-2611CB3+ Deluxe

The EL-2611CB3+ Deluxe incorporates advanced high powered technology to increase signal strength and throughput. This, with its removable antenna and PoE support, creates a flexible total solution for SI, Enterprise, SMB, and various Field Applications. Multiple networks can be connected using the built-in bridging function allowing connection speeds rivaling that of a T1 line. Any ethernet capable device can be wirelessly connected to an accesspoint through the EL-2611CB3+ Deluxe without the need to install any drivers onto your computer simplifying setup.

Specifications

Features:

- Up to 23dBm(200mW) RF Output Power
- Up to 9 times coverage
- Multi-Client Bridge Functionality
- Fully interoperable with IEEE 802.11b compliant devices
- Point-to-Point, Point-to-Multipoint Wireless Connectivity
- Allows data-transfer between two or more networking cells
- True Plug and Play *No drivers needed, easy and quick to connect your Ethernet device to your Wireless Network
- Power-over-Ethernet and Access Point
- 64/128-bit WEP data encryption-Powerful data security
- Hide SSID(AP Mode) Avoids unauthorized users to share bandwidth, increasing efficiency within the network
- DHCP Client simplifies network administration
- Web-based configuration helps administrators to remotely configure or manage the Multi-Client Bridge with a web browser
- MAC address filtering(AP Mode) Ensures secure network connection
- Seamless Roaming allowing users to travel between Access Points without losing their network connection

General:

- **Data Transfer Rates:** 11, 5.5, 2, and 1Mbps with Auto-Fall Back
- **Regulation Certifications:** FCC Part 15/UL, ETSI 300/328/CE
- **Power Supply:** 110VDC \pm 10%
- **Device:** 12V/1A

Physical Specifications:

- **Dimensions:** 125(L)mm x 108(W)mm x 31(H)mm
- **Weight:** 350g (0.8 lbs)
- **Status LED's:**
 - LAN: Link
 - WLAN: Link
 - Power: On/Off

RF Information:

- **Frequency Band:** 2.4-2.484Ghz
- **Radio Type:** Direct Sequence Spread Spectrum(DSSS)
- **Operation Channel:** 11 for North America
- **Modulation:**
 - 11Mbps/5.5Mbps CCK
 - 2Mbps: DQPSK
 - 1Mbps: DBPSK
- **RF Connector:** TNC Female-Reverse
- **RF Output Power(Typical):** 21 \pm 2dBm @ 1, 2, 5.5, 11Mbps
- **WEP data encryption:** 64/128-bit

Network:

- **Topology:** Point-to-Point/Point-to-Multipoint Infrastructure
- **Interface:** One 10Base-T Mbps RJ-45 LAN Port
- **Firmware Upgrade:** via web browser
- **Security:**
 - MAC address filtering(AP mode)
 - WEP encryption (64/128-bit)
 - Layer 2 isolation
 - Hide SSID in beacons, stations cannot use "any" SSID(AP mode)
- **IP Auto-configuration:** DHCP client

Environment:

- **Temperature Range:**
 - Operating: 0°C to 45°C
 - Storage: -40°C to 70°C
- **Humidity (non-condensing):**
 - 5%~95% Typical

Package Content:

- 1x EL-2611CB3+ Deluxe
- 1x Power Adapter
- 1x CAT5 UTP Cable
- 1x Quick Start Guide
- 1x CD-ROM with User's Manual

All specifications are subject to change by EnGenius without prior notice