

EnGenius
Business class high power wireless.

EOC2611P-CC
Cloudtrax enabled



Centralized, browser-based management with 24x7 monitoring, charting and network alerts.

Zero configuration setup for wireless repeating and wireless bridging.

Instant Wireless Hotspot gateways with vouchers controlled access for hotel, cafes, etc.

Built-In resilient Mesh protocol to ensure a redundant wireless network with auto load-balancing and minimized points of network failures.

EOC2611P-CC is a long range outdoor wireless Access Point / Client Bridge encased in a IPX4 water-proof enclosure with a 10dBi directional antenna that operates seamlessly in the 2.4GHz frequency spectrum and provides high bandwidth on 802.11bg. It features high transmitted output power and high receivable sensitivity. High output power and high sensitivity can extend range and coverage to reduce the roaming between Access Points to get a more stable wireless connection. It also reduces the expense of equipment in the same environment. It comes with a bundled Cloudtrax subscription which drastically reduce deployment time, whether it is a single wireless hotspot, business enterprises or even municipal by as much as 80% with zero-configuration for subsequent addition of wireless repeaters and wireless bridges!

EOC2611P-CC features high wireless output power and receive sensitivity along with an optional external antenna connection. The High performance extend wireless coverage to reduce the roaming between Access Points and to provide a reliable wireless connection. It also reduces the total cost of ownership on hardware.

The sleek and rugged design, high performance and array of features make EOC2611P-CC a suitable wireless solution for the any outdoor environment.

Specifications

Waterproof IPX4 rated enclosure & cable accessory kit

Prevents rain and dew getting into device through cables an connector holes

Up to High 600mW Wireless Power

Ensures robust signal to overcome long distances
Offers superior WiFi coverage than leading brands

Multiple Wireless Names

Broadcasts 2 concurrent WiFi networks with one device
Permits different levels of network access (VLAN Tagging)

Power-over-Ethernet (24V propriety type supplied in package)

Power and data over one cable to ease deployment

Zero-Config & Concurrent Repeater/Bridging/AP working in Cloudtrax Environment

Extends WiFi coverage into dead spots
Minimizes trenching and cabling cost

Embedded Antenna

Delivers powerful 10dBi directional coverage
Designed to deploy-able out of the box
Additional external antenna connector

Instant Wireless Hotspot

Vouchers control
Bandwidth control per group
Easy to build Captive portal
Can define own Radius server

HARDWARE SPECIFICATIONS:

MCU/RF: Atheros AR2316
Memory: 32MB SDRAM
Flash: 8MB
Physical Interface
One 10/100 Fast Ethernet RJ-45
One Reset Button
One Antenna Switch
One RP-SMA Connector
LED Indicators:
1x Power (Status)
1x LAN (10/100Mbps)
1x WLAN (Normal when not lighted up during operation)
3x Link Quality (Lighted up only when using with Engenius native firmware)
Power Requirements:
Active Ethernet: (Power-over-Ethernet) Proprietary PoE Design
Power Adapter: 24V/0.6A DC
Regulation Certifications: FCC Part 15C/15B, EN 300 328/EN 301 489-1/-17, EN60950

RF SPECIFICATIONS:

Frequency Band: 2.412~2.472GHz
Modulation Technology: OFDM: BPSK, QPSK, 16-QAM, 64-QAM, DSSS: DBPSK, DQPSK, CCK
Receive Sensitivity (Typical):
IEEE 802.11g
-92dBm @ 6Mbps
-74dBm @ 54Mbps
IEEE 802.11b
-97dBm @ 1Mbps
-89dBm @ 11Mbps
Available Transmit Power (Average):
IEEE 802.11g
28dBm @ 6~24Mbps
26dBm @ 36Mbps
24dBm @ 48Mbps
23dBm @ 54Mbps
IEEE 802.11b
28dBm @ 1~11Mbps
Antenna:
Internal: Directional Panel Antenna; Peak Gain 10dBi
External: RP-SMA Female Type

MANAGEMENT:

Configuration: Web-Based Configuration via Cloud controller (Internet [ICMP, port 80, 443 and 53] to connected devices required at all time)

Firmware Upgrade: Over-The-Air Upgrade Firmware.

Administrator Setting: Administrator Password Change

System Monitoring: 3 Levels, Master Account to all Networks / Specific Network Account / Public (viewing only and can be disabled)

ENVIRONMENT & PHYSICAL:

Temperature Range: Operation -20°C to 70°C (-4°F to 158°F) / Storage -30°C to 80°C (-22°F to 176°F)

Humidity (Non-condensing): 0%~90% Typical

Dimensions: Length: 10.24" (260mm) x Width: 3.31" (84mm) x Height: 2.17" (55mm)

Weight: 0.84lb. (380g)




Dealer Information:


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Specifications may be subject to change without prior notification.

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