

EOC2611P

Business Class 802.11g Outdoor Client Bridge/Access Point with Dual Antenna Polarity



Key Differentiators

INTEGRATED DUAL POLARITY ANTENNA DESIGN **NEW**

- Selectable vertical or horizontal antenna polarization
- Operates in horizontal polarity to avoid interference from standard vertical-polarized Wi-Fi devices
- Allows service provider to utilize multi-polarization for best performance

WATERPROOF CABLE ACCESSORY KIT **NEW**

- Prevents rain and dew get into the device through cables and connector holes
- Ensures higher waterproof quality against water and moisture

HIGH 600MW WIRELESS POWER

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

DUAL ANTENNA DESIGN

- Embedded 10dBi DUAL POLARITY panel antenna with external connector for upgradeable antenna
- Perfect for both Point-to-Point and Point-to-MultiPoint applications

SIGNAL STRENGTH LED INDICATOR (CLIENT BRIDGE MODE)

- Allows network installer for easy deployment

MULTIPLE WIRELESS NAMES (AP MODE)

- Broadcasts multiple SSID's in one device
- Permits different levels of network access (VLAN Tagging)

POWER-OVER-ETHERNET (24V POE) CAPABLE

- Power and data over one single cable for convenient installation
- Less heat dissipation to ensure reliable performance
- Capable of 300 feet PoE cable length
- Power Injector Included

Ideal For:



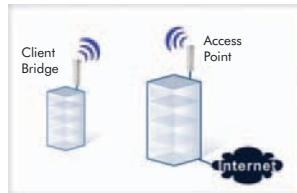
OUTDOOR WIFI
OUTDOOR CPE



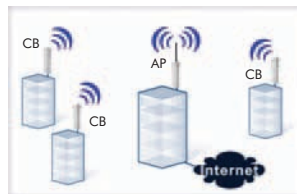
OUTDOOR WIRELESS
SURVEILLANCE VIDEO



OUTDOOR WIRELESS
SIGNAGE



POINT-TO-POINT



POINT-TO-MULTIPOINT



EOC2611P – Technical Specifications

Specifications may change without notice.

HARDWARE SPECIFICATIONS

MCU/RF	Atheros AR2316 Single chip
Memory	32MB SDRAM
Flash	8MB
Physical Interface	One 10/100 Fast Ethernet RJ-45 • One Reset Button • One RP-SMA Connector • One switch (external and internal antenna switching)
LED Indicators	Power/ Status • LAN (10/100Mbps)•WLAN (Wireless is up) 3 x Link Quality (Client Bridge mode) Green: Excellent Quality Yellow: Good Quality Red: Poor Quality
Power Requirements	Active Ethernet (Power over Ethernet) Proprietary PoE design Power Adapter 24 V/0.6A DC
Regulation Certifications	FCC Part 15C/15B, EN 300 328/EN 301 489-1/-17, EN60950

RF SPECIFICATIONS

Frequency Band	802.11b/g: 2.412–2.472GHz	
Modulation Technology	OFDM = BPSK, QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK	
Operating Channels	802.11b/g11 for North America, 14 for Japan, 13 for Europe	
Receive Sensitivity (Typical)	802.11g	802.11b
	-92 dBm @ 6Mbps -74 dBm @ 54Mbps	-97 dBm @ 1Mbps -89 dBm @ 11Mbps
Available transmit power (Average power)	FCC	
	Frequency	Power
	2.412–2.462 GHz IEEE 802.11g	28dBm@6–24Mbps 26dBm@36Mbps 24dBm@48Mbps 23dBm@54Mbps
	2.412–2.462 GHz IEEE 802.11b	28dBm@1–11Mbps
Internal Antenna	Antenna Specification	
	Gain	10dBi
	Radiation	Directional
	Frequency Band Range	2.4 - 2.5GHz
	Horizontal -3dB Bandwidth	70°
	Vertical -3dB Bandwidth	35°
Antenna Polarity: Dual-Polarized; Vertical/Horizontal		
Polarity Selection: Software Controlled		
External Antenna	1* RP-SMA connector	

SOFTWARE FEATURES

General		
Topology	Infrastructure	
Protocol / Standard	802.3 (Ethernet) • 802.3u (Fast Ethernet) • 802.11b/g (2.4GHz WLAN)	
Operation Mode	802.11b/g: Access Point, Client Bridge, Client Router, WDS AP/CB	
LAN	DHCP Server • DHCP Client	
VPN	VPN - pass through	
Wireless	Channel Selection (Setting varies by countries) Transmission Rate 11 b/g:54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps Super G : 108 Mbps Long distance transmission : 1km to 30km Transmit power table Signal Strength indication using LEDs Narrow Bandwidth 5MHz/10MHz/20MHz Support PING function and Trace Route function PPPoE(CR mode) • MSSSID Support • VLAN Support	
	WEP Encryption-64/128/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) 802.1x Authenticator • Hide SSID in beacons MAC address filtering, up to 50 field Wireless STA (Client) connected list	
	Security	
	QoS	WMM
Management		
Configuration	Web-based configuration (HTTP)	
Firmware Upgrade	Upgrade firmware via web-browser • Keep latest setting when f/w update	
Administrator Setting	Administrator password change	
Reset Setting	Reboot (press 1 second) • Reset to Factory Default (press 5 seconds)	
System monitoring	Status, Event Log	
SNMP	V1, V2c	
MIB	MIB I, MIB II (RFC1213) and Private MIB	
Backup & Restore	Settings through Web	
Time setting	NTP (Auto-setting) • Manual setting	

ENVIRONMENT & PHYSICAL

Temperature Range	Operating: -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	0.84 lb. (380g)

