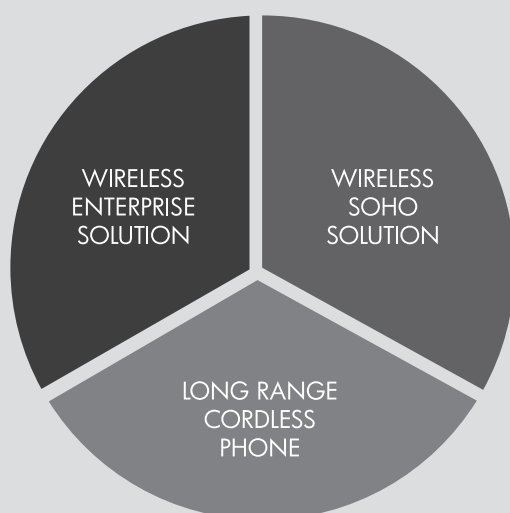


WIRELESS SOLUTION
FOR HOME & BUSINESS

PRODUCT GUIDE 2012



Company Profile



EnGenius Europe BV was established as a sales, service and marketing hub for Europe. To serve business partners efficiently in this region, a warehouse and technical lab was set-up in The Netherlands to achieve a close working relationship with regional partners in developing a strong and stable distribution channel.

EnGenius Europe BV has created many new business opportunities for regional partners with new products and development. It supports the industry's most comprehensive product line for enterprise WLANs, combining the best elements of wireless and wired networking to deliver secure, scalable, high performance WLANs with low total cost of ownership.

EnGenius is positioned as a wireless solution provider founded on a strong background in the research and development of high performance radio modules. Products are designed for enterprise and industrial market providing wireless data & voice communications in demanding business environments. Current product lines include wireless LAN products & accessories and long range cordless phone.

Why migrate to EnGenius?

Organisations are encouraged to migrate to EnGenius Wireless Network to increase employee productivity and efficiency, gain a competitive advantage and provide network users with a new level of freedom and flexibility.

Some of the major reasons customers are choosing to migrate to EnGenius Wireless Network include:

- Simplified WLAN deployment
- Low-cost management
- Reduced total cost of ownership (TCO)
- Performance
- Extended Connectivity
- Scalability
- Mobility
- Secure guest access
- Outdoor wireless Mesh networking
- Advanced Security feature

EnGenius Wireless Network supports the industry's most comprehensive product line for enterprise WLANs. It combines the elements of wireless and wired networking to deliver secure, scalable, high-performance WLANs with a low total cost of ownership.

EnGenius Wireless Network will evolve to support new business applications, technologies and enterprise-class network demands.

CONTENT

BUSINESS CLASS PRODUCTS

Indoor Mesh AP	05
Outdoor Mesh AP	06
Outdoor AP Series	09
Outdoor CPE Series	10
Outdoor 11N Series	11
Indoor AP & CPE Series	14
Antenna	16

HOME AND HOME BUSINESS

Wireless Broadband Router	18
Wireless 3.5G Router	19
Wireless VPN Router	20
Accessories	22

LONG RANGE CORDLESS SYSTEM

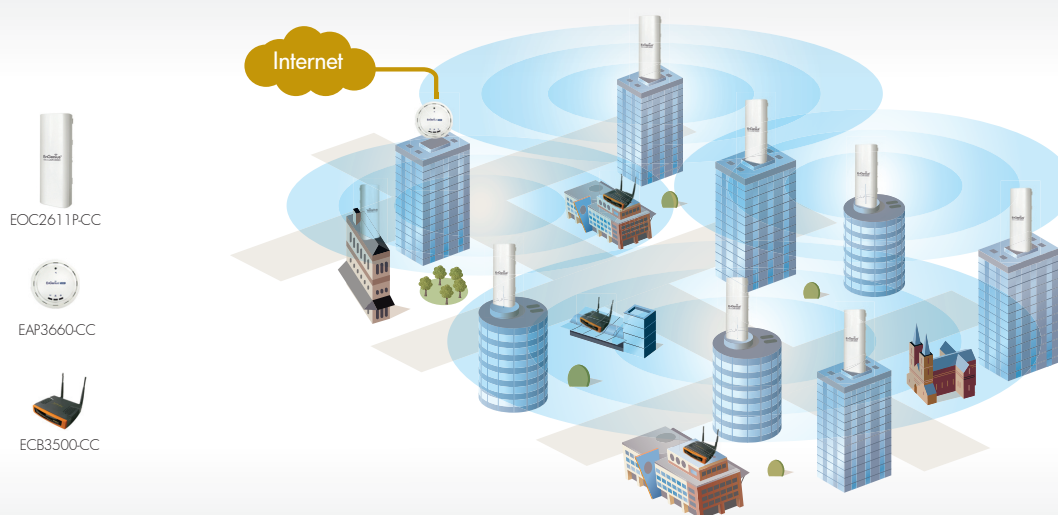
Cordless System	23
Accessories	26

COMPARISON CHART

Business Solution	28
Wireless Adapter	30
Wireless Router	31

Cloud Based Network Management

EnGenius Europe has co-partnered with Cloudtrax, a leading cloud-based solution provider to bring unprecedented wireless range performance with a wealth of much waited centralized management, zero-configuration of wireless bridging & repeating and even an instant hotspot gateway solution for hotels, cafes, marinas! Best of all, it is based on a built-in advanced mesh protocol which requires no human intervention. While the secured core operating system automatically creates transparent bridging & repeating environment, determines best routes and balances traffic load accordingly across different nodes, the end user can confidently build his wireless infrastructure with ease and speed. The time needed to deploying an EnGenius wireless networks can now be reduced as much as 80%!



A cloud-based wireless controller that enables your EnGenius Equipment for:

- 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.

INDOOR ENGENIUS-CLOUDTRAX AP**EAP3660-CC****11b/g
Wireless Access Point/WDS**

- IEEE802.11b/g compliant.
- Supports Multi-SSID function.
- Universal Repeater.
- Diversity support.
- Bandwidth selection.
- WPA2/WPA/IEEE802.1x support.
- Support Power-over-Ethernet (PoE).
- Support high power transmission.

ECB3500-CC**11b/g
Wireless Multi-Function Client Bridge/AP**

- IEEE802.11b/g compliant.
- Powerful features which consist of 7 + 1 multi-functions.
- Support Multi-SSID function.
- Detachable antenna that support flexible deployment.
- High Speed Data Rate up to 108Mbps at Super G mode.
- Enhanced security features.
- Antenna diversity support.

OUTDOOR ENGENIUS-CLOUDTRAX AP**EOC2611P-CC****11b/g
Wireless Outdoor Acces Point/Client Bridge**

- IEEE 802.11 b/g compliant.
- Support super G 108Mbps.
- Client Bridge/Client Router/Access Point.
- Integrated 10dBi ANT & Extra SMA Connector (H/W Switch).
- Proprietary 24V PoE Design.
- SNMP, Narrow Bandwidth support.
- MSSID, VLAN.
- Support Dual Antenna Polarization.
- AP neighborhood site survey, Bandwidth shaping, Auto channel selection, Private MIB.
- IP55 water proof design.

OUTDOOR ENGENIUS-CLOUDTRAX AP**ESR7750-CC****11a/b/g/n
Wireless-N Dual-band router**

- Simultaneous Dual-Band Wireless 802.11n Technology.
- Multiple Internal Antenna Array x 4 PIFA (5dBi).
- Dual CPUs: X2 processing Power.
- Outdoor enclosure with Passive PoE (available as option).

Seamless Integration With WiFi Networking Technologies & Backbone Infrastructure

EnGenius WiFi Wireless Mesh AP solution addresses the market requirements for

- Robust design
- Highly scalable
- Self configurable
- Self healing
- Self adaptive
- Seamless mobility

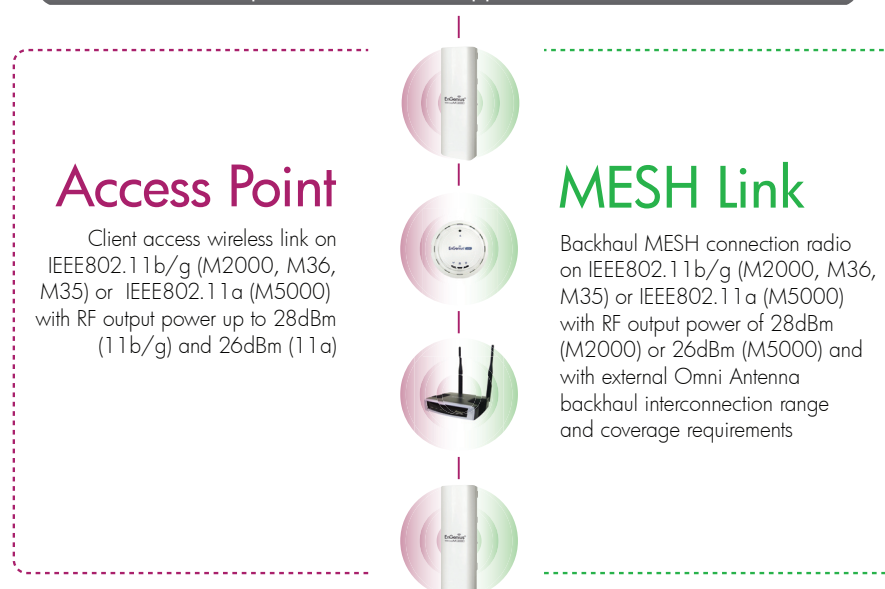
In general, EnGenius Mesh Solution offers end users with secure, seamless roaming beyond traditional WLAN boundaries and our solutions provides easy deployment in areas that do not support or with sufficient wiretion is well-suited for providing broadband wireless acces in areas that traditional WLAN systems are unable to cover or with limitations indeployment (such a limited backbone or inability to deploy).

WiFi Mesh Network Action

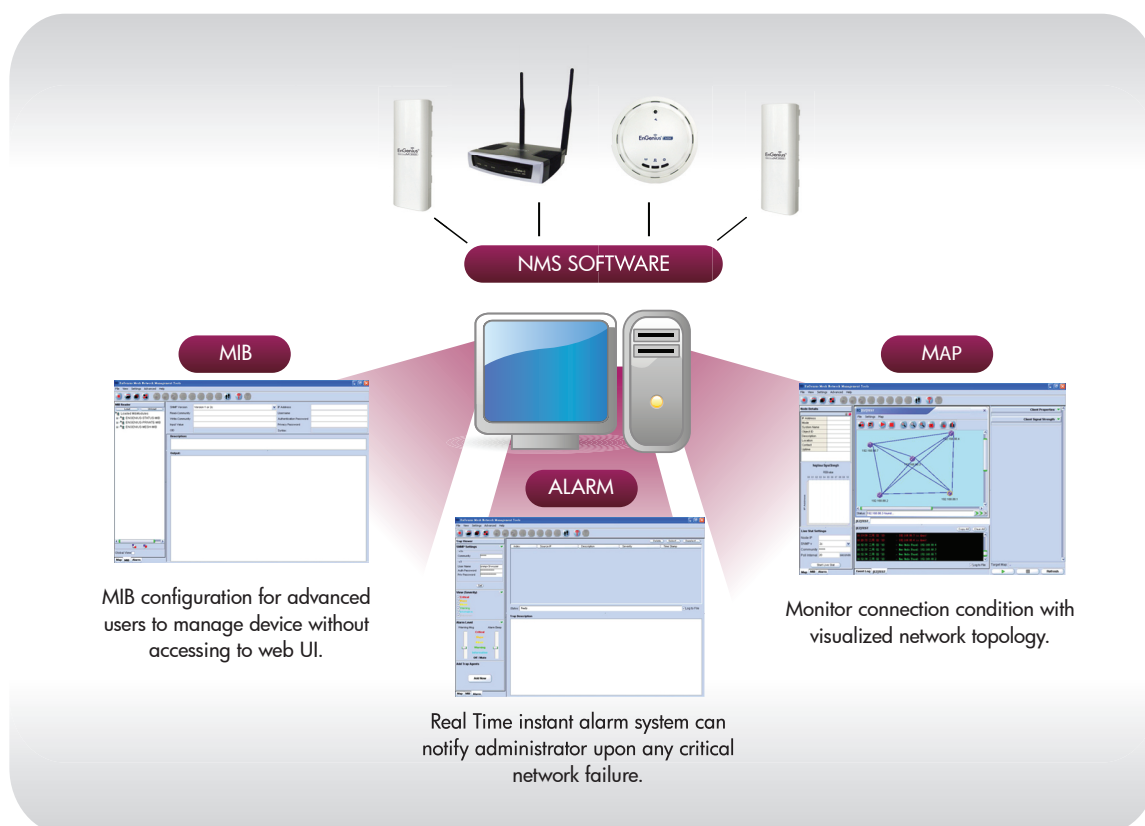


EnGenius AP/CB with Mesh Design

M-Series separate one radio 2 application for AP and MESH



Mesh NMS Software



Indoor MESH AP

M35



11b/g Indoor Wireless MESH AP

- 2 x 5dBi dipole Antenna.
- 7 operating modes support.
- MESH & NMS Support.
- MSSID, 802.3af, SNMP, 802.1x, Bandwidth Management.

M36



11b/g Indoor Wireless MESH AP

- Integrate diversity 5dBi Antenna.
- Access Point/ WDS/ Repeater.
- Antenna Diversity Support
- Wall mount and Ceiling mount.
- LED on/off Control.
- MESH & NMS Support
- MSSID, 802.3af, SNMP, Bandwidth Management.

Outdoor MESH AP

M2000



11b/g Outdoor Wireless MESH AP

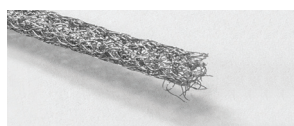
- Integrate 10dBi Antenna with Dual polarization.
- Extra SMA connector (Hardware based Switch).
- MESH & NMS Support.
- Water and dust proof (IP55).
- Client bridge/Client Router/Access Point.
- PoE (24V), SNMP, Narrow Band Support.

Outdoor AP Mechanical Features

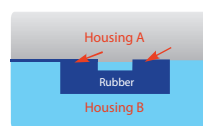
- Professional mechanical design



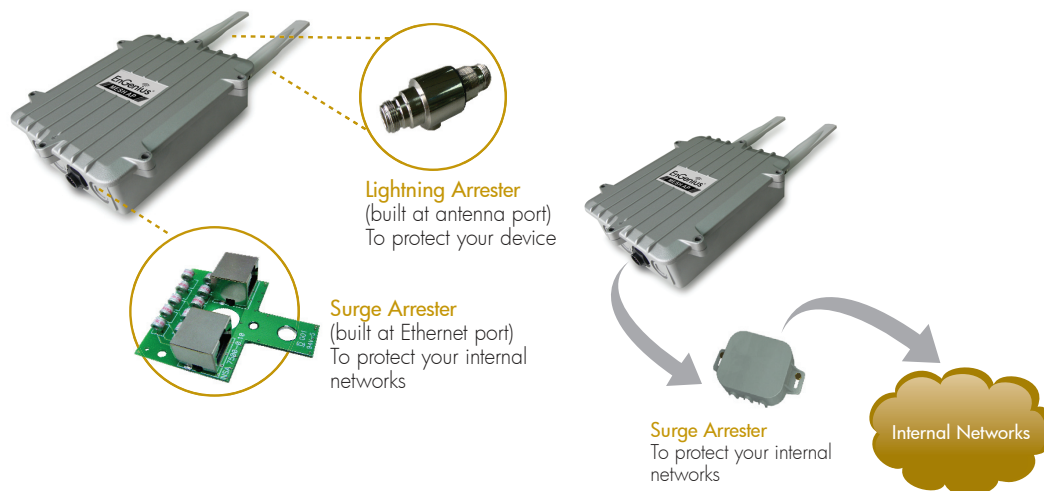
- EMI/RFI. MESH wire materials are monel and stainless steel



- Waterproof IP68 compliant

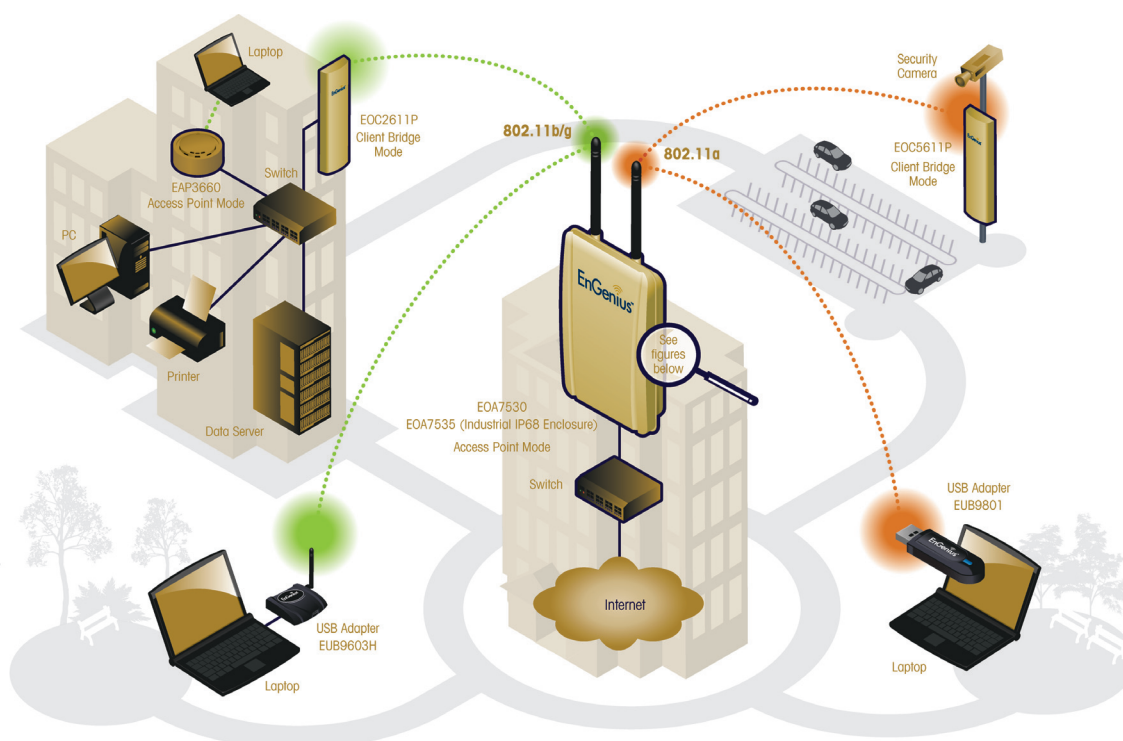


Robust design for lightning protection

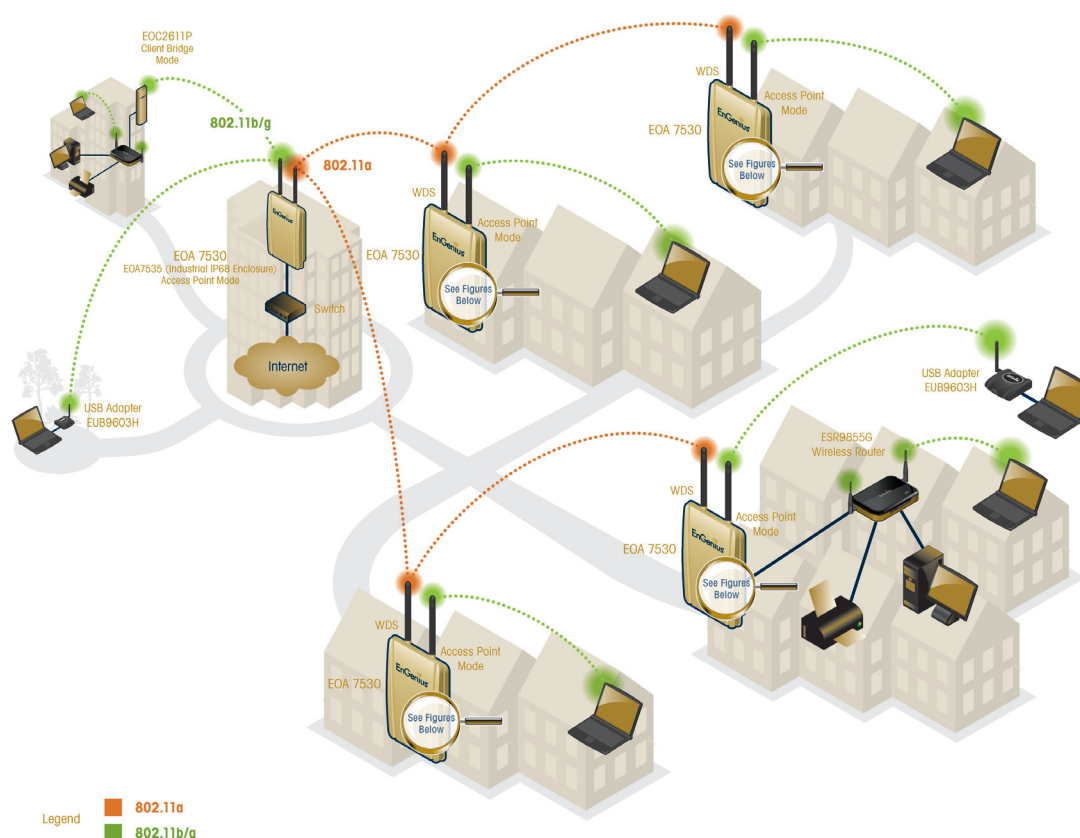


DUAL RADIO OUTDOOR AP SOLUTION

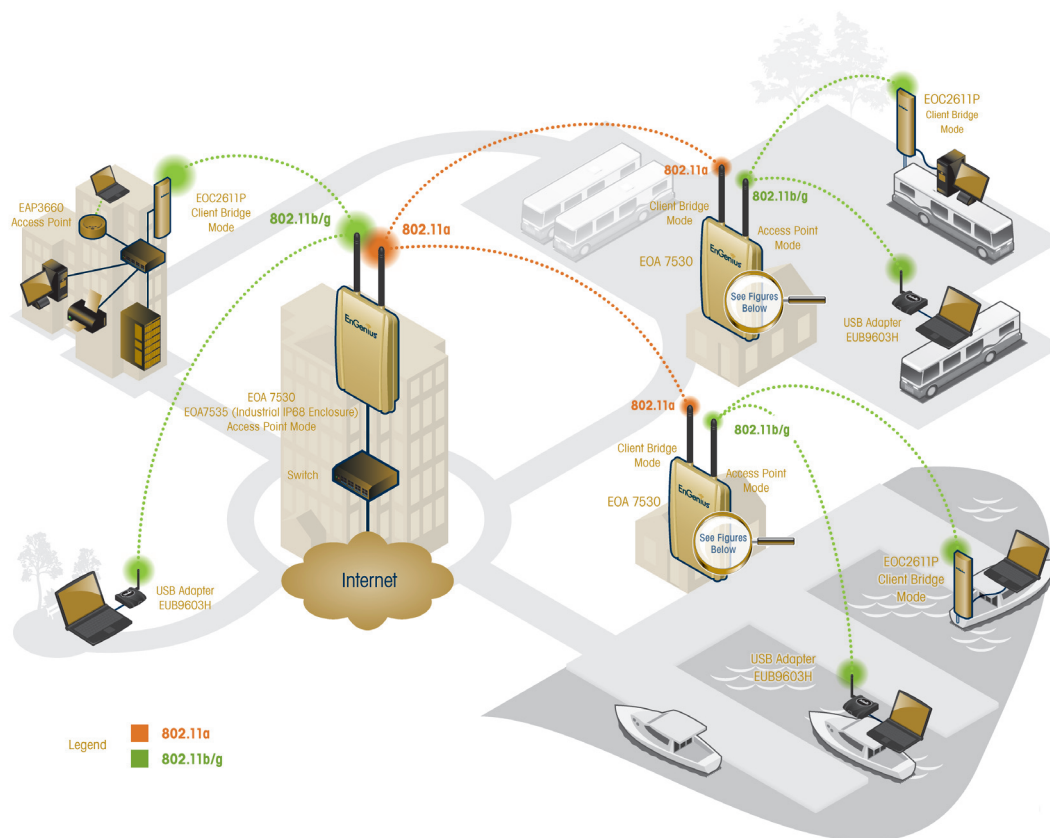
I. Business Wireless Application Notes - Concurrent Dual-Band Access Point



II. Business Wireless Application Notes - Multi-Hop Repeater



III. Business Wireless Application Notes - Dual Radio Repeater



OUTDOOR AP SERIES

EOR7550



11a/b/g/n Dual Radio Multi-Function Access Point / Repeater

- Two radio support, radio 1: 802.11a/b/g, radio 2: 802.11b/g/n.
- 2 x External N-type connector for Radio 1 with 5GHz and 2.4GHz individually.
- 1 x Embedded 6dBi 11n Smart Antenna.
- Water proof design (IP65).
- Multi-Operation modes for flexible and various application.
- MSSID/VLAN, Bandwidth Management, Auto/Best Channel selection.
- SNMP, WEP/WPA/WPA2, 802.1 x Authenticator.

OUTDOOR CPE SERIES

EOC1650



11b/g Wireless Outdoor Access Point/Client Bridge

- IEEE 802.11 b/g compliant.
- Client Bridge/Access Point/Client Router/WDS.
- Integrated 7dBi ANT & Extra SMA Connector (H/W Switch).
- Proprietary 24V PoE Design.
- SNMP, 802.1x, Narrow Bandwidth support.
- MSSID, VLAN.
- LED Indicator.
- Compact size and light weight.
- Extra 5dBi Dipole antenna included.

EOC2611P



11b/g Wireless Outdoor Access Point/Client Bridge

- IEEE 802.11 b/g compliant.
- Support super G 108Mbps.
- Client Bridge/Client Router/Access Point.
- Integrated 10dBi ANT & Extra SMA Connector (H/W Switch).
- Proprietary 24V PoE Design.
- SNMP, Narrow Bandwidth support.
- MSSID, VLAN.
- Support Dual Antenna Polarization.
- AP neighborhood site survey, Bandwidth shaping, Auto channel selection, Private MIB.
- IP55 water proof design.

EOC5510



11a Wireless Outdoor Access Point/Client Bridge

- IEEE 802.11 a compliant.
- Client Bridge/Client Router/Access Point.
- Integrated 8dBi ANT@5GHz & Extra SMA Connector (H/W Switch).
- Proprietary 24V PoE Design.
- SNMP, Narrow Bandwidth support.
- Support Antenna Diversity.
- Water proof design.

EOC5611P



11a/b/g Wireless Outdoor Access Point/Client Bridge

- IEEE 802.11 a/b/g compliant.
- Client Bridge/Client Router/Access Point.
- Integrated 14dBi ANT@5GHz & 2 x Extra SMA Connector (H/W Switch).
- Proprietary 24V PoE Design.
- Narrow Bandwidth support, SNMP.
- MSSID/VLAN.
- Support Dual Antenna Polarization.
- AP neighborhood site survey, Bandwidth shaping, Auto channel selection, Private MIB.
- IP55 water proof design.

11N OUTDOOR SERIES

ENH200(EXT)



11b/g/n Wireless-N Long Range Access Point/Client Bridge

- 1Tx+1RX : 150Mbps, 2*10/100 Ethernet Port.
- High Power up to 27dBm.
- Integrated 10dBi Antenna with dual polarization (ENH200).
- 1 x SMA connector for antenna upgrad (ENH200EXT).
- Operating modes : CR/CB/AP/WD.
- IP55 Water proof design.
- 24V PoE support.
- Reset button on PoE injector.
- MSSID, SNMP, Bandwidth Management.

ENH202

NEW !



11b/g/n Wireless-N Long Range Access Point/Client Bridge

- 2Tx+2RX : 300Mbps, 2*10/100 Ethernet Port.
- High Power up to 28dBm.
- Integrated 10dBi Antenna with dual polarization.
- Specific WISP Mode (CR/CB/AP/WDS).
- IP55 Water proof design.
- 24V PoE support.
- Reset button on PoE injector.
- MSSID, SNMP, Bandwidth Management.

ENH500

COMING
SOON



11a/n Wireless 2 x 2 Long Range Outdoor Access Point/Client Bridge

- 2Tx+2RX : 300Mbps, 2*10/100 Ethernet Port.
- High Power up to 27dBm.
- Integrated 13dBi Antenna with dual polarization.
- Specific WISP Mode (CR/CB/AP/WDS).
- IP55 Water proof design.
- 24V PoE support.
- Reset button on PoE injector.
- MSSID, SNMP, Bandwidth Management.

ENH210(EXT)

COMING
SOON



11a/b/g/n Enterprise Gigabit Ethernet Outdoor AP/CB

- 2Tx+2RX : 300Mbps, 2*Gigabit Ethernet Port.
- High Power up to 29dBm.
- Integrated 14dBi Antenna with dual polarization (ENH210).
- 2*N-Type connectors for 2.4GHz ANT (ENH210EXT).
- Operating modes : AP/CB/WD.
- IP67 Water proof design.
- 48V PoE support (802.3af/at complaint).
- Reset button on PoE injector.

High Power & Ultra Long Range

Why EnGenius High Power?

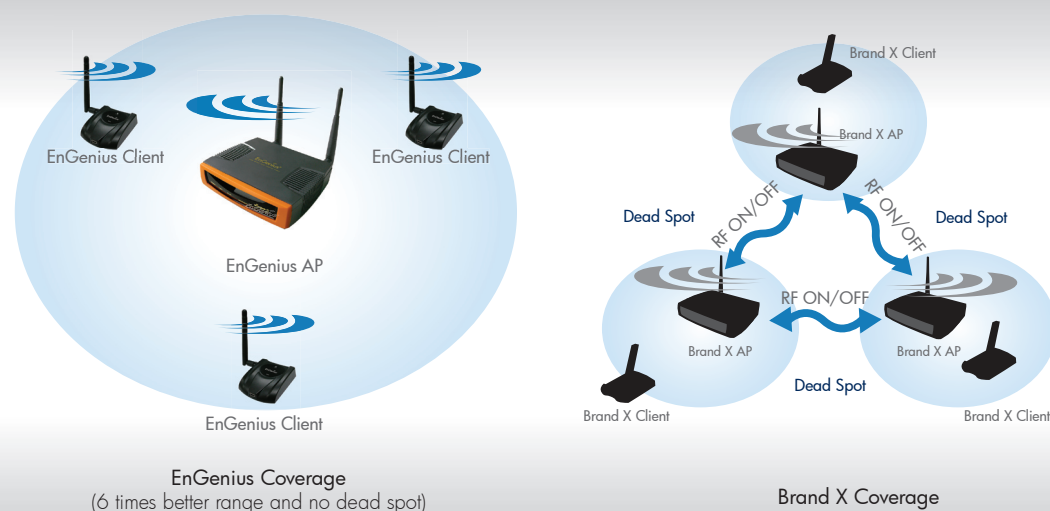
Liberate restrictions of normal WiFi networks

- * 6 times better range and coverage with high RF power and sensitivity
- * No dead spots
- * Higher stability when roaming between APs

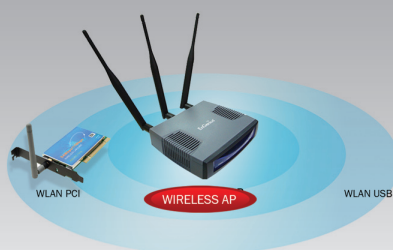
We give you the performance



Network Coverage Between EnGenius Wireless AP and Other Brand

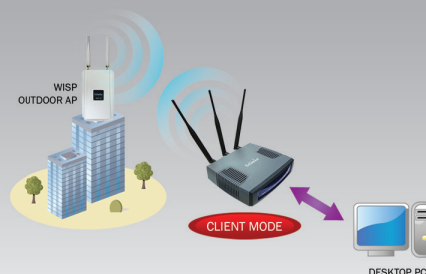


INDOOR MULTI-FUNCTION AP SERIES



1. AP MODE

The most basic mode of multi-function Access Point. In this mode, the AP will act as a central hub for different Wireless LAN clients. Some hotspots APs requires 802.1x authenticator function to authenticate a user before providing internet service.



2. CLIENT MODE

Also known as Ethernet Client. In this mode, AP will act as a WLAN card to connect with remote AP. Users can connect PC or local LAN to the Ethernet port of the client mode AP. This mode is mostly used as a CPE device for WISP subscriber service.



3. ROUTER MODE

The LAN port will behave as a WAN port for wired connection to ADSL or Cable modem. The NAT routing will be performed between the WAN and LAN port. Making IP sharing possible.



4. BRIDGE MODE

In This mode, 2 access points is being connected to provide a wireless bridge between 2 remote LANs. It is mostly used by enterprise to connect 2 remote office's network together. The bridge mode is connected by using either the WDS (Wireless Distributed System) or ADHOC topology.



5. UNIVERSAL REPEATER

A universal repeater extends the wireless coverage of another wireless AP or router. The advantage of the universal repeater is that the remote device does not need to have WDS function and may not need to be the same brand or make. Therefore, it can work with almost any wireless device.



6. WDS

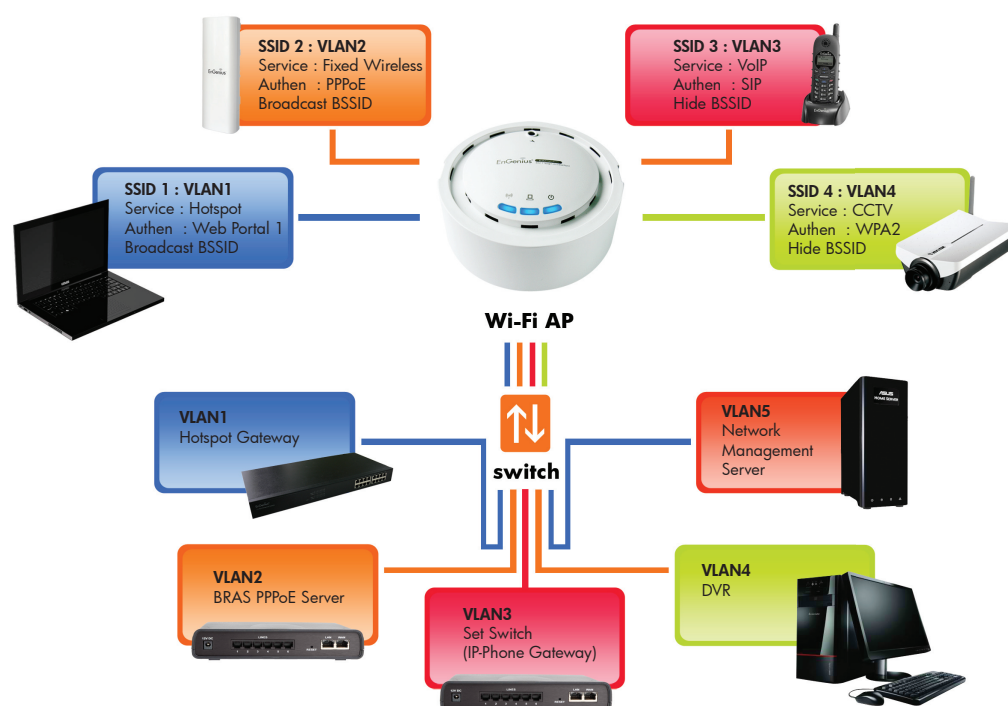
This function extends wireless range of another wireless AP. For WDS repeater to work, the remote wireless AP must also support WDS function and in some cases only works with the same brand and make. The function may support token ring and star topology with the spanning tree protocol.



7. WISP (CLIENT ROUTER) MODE

In WISP mode, the AP will behave as Client. In addition, router function is added between the wireless WAN side and the Ethernet LAN side. Therefore, the WISP subscriber can share the WISP connection without the need of extra router.

Application for MSSID & VLAN



INDOOR AP & CPE SERIES

EAP-3660



11b/g Wireless Access Point/WDS

- IEEE802.11b/g compliant.
- Supports Multi-SSID function.
- Universal Repeater.
- Diversity support.
- Bandwidth selection.
- WPA2/WPA/IEEE802.1x support.
- Support Power-over-Ethernet (PoE).
- Support high power transmission.

EAP9550



11b/g/n Wireless Access Point/WDS

- IEEE802.11b/g/n compliant.
- Supports Multi-SSID function.
- Universal Repeater.
- Diversity support.
- Bandwidth selection.
- WPA2/WPA/IEEE802.1x support.
- Support Power-over-Ethernet (PoE).
- Support LED ON/OFF.
- Support VLAN Management.

EAP150

NEW !



11b/g/n Wireless Access Point/WDS

- IEEE802.11b/g/n compliant.
- Wireless speed up to 150Mbps (1T1R).
- 1x10/100 Mbps Fast Ethernet.
- Integrated 5dBi antenna.
- 802.3af support.
- High power up to 26 dBm.

EAP300

NEW !



11b/g/n Wireless Access Point/WDS

- IEEE802.11b/g/n compliant.
- Wireless speed up to 300Mbps (2T2R).
- 1x10/100 Mbps Fast Ethernet.
- Integrated 5dBi antenna.
- 802.3af support.
- High power up to 26 dBm.

EAP350

NEW !



11b/g/n Wireless Access Point/WDS

- IEEE802.11b/g/n compliant.
- Wireless speed up to 300Mbps (2T2R).
- 1x10/100/1000 Mbps Fast Ethernet.
- Integrated 5dBi antenna.
- 802.3af support.
- High power up to 28 dBm.

ECB3500



11b/g Wireless Multi-Function Client Bridge/AP

- IEEE802.11b/g compliant.
- Powerful features which consist of 7 + 1 multi-functions.
- Support Multi-SSID function.
- Detachable antenna that support flexible deployment.
- High Speed Data Rate up to 108Mbps at Super G mode.
- Enhanced security features.
- Antenna diversity support.

ECB9500



**11b/g/n
Multi-function Gigabit Wireless-N Client Bridge**

- IEEE802.11b/g/n compliant.
- Powerful features which consist of 7 multi-functions.
- Support multi-SSID function.
- Detachable antenna that support flexible deployment.
- Delivers up to 6x faster speeds and 7x extended coverage compare with 802.11g devices.
- Universal Repeater.
- Enhanced security features.
- Support Gigabit PoE.

ECB150

Coming
Soon



**11b/g/n
Wireless Access Point/Client Bridge/Client Router/WDS**

- IEEE802.11b/g/n compliant.
- Wireless speed up to 150Mbps (1T1R).
- 1x10/100 Mbps Fast Ethernet.
- External 5dBi SMA antenna.
- 802.3af support.
- Support Power-over-Ethernet (PoE).
- High power up to 26 dBm.

ECB300

Coming
Soon



**11b/g/n
Wireless Access Point/Client Bridge/Client Router/WDS**

- IEEE802.11b/g/n compliant.
- Wireless speed up to 300Mbps (2T2R).
- 1x10/100 Mbps Fast Ethernet.
- 2 x external 5dBi SMA antenna.
- 802.3af support.
- Support Power-over-Ethernet (PoE).
- High power up to 28 dBm.

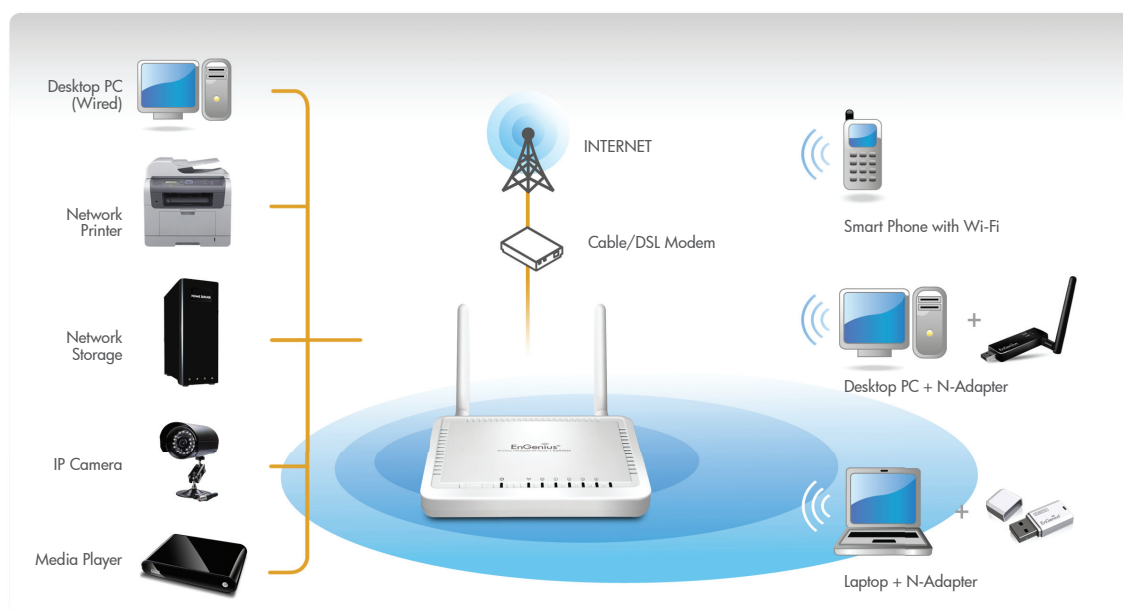
ECB7510



**11a/b/g/n
Wireless Gigabit Dual Band Concurrent Router AP**

- Two radio support, radio 1: 802.11b/g/n, radio 2: 802.11a/n.
- Dual Concurrent N allows simultaneous operation of 2.4GHz and 5GHz wireless network.
- Support 802.3af/at.
- Acces Point/Client Bridge/Repeater/WDS (AP & Station).
- VPN Pass-Through (PPTP, L2TP, IPSEC).
- MSSID/VLAN, Bandwidth Management, Auto/Best Channel Selection.
- WEP/WPA/WPA2, 802.1x Authenticator.
- 2.4G/5G (3dBi/5dBi) Dual Band Antenna.

EnGenius Home Wireless solution



Wireless Broadband Routers

ESR9850



11b/g/n Wireless-N Gigabit Multimedia Router

- IEEE802.11b/g/n compliant.
- High speed data rate up to 300Mbps.
- Built-in 4-Port 10/100/1000 Switch.
- Supports WEP, WPA, and WPA2.
- WPS button support.
- Full WiFi Security and firewall support.
- Upgradable antenna.
- P2P enhanced up to 50000 connections.
- Supports 2T x 2R radios.

ESR9855G



11b/g/n Wireless-N Gigabit Gaming Router

- IEEE802.11b/g/n compliant.
- Wireless speed up to 300Mbps.
- Built-in 4 LAN Port (10/100/1000Mbps).
- Built-in 1 WAN Port (10/100/1000Mbps).
- Supports WEP, WPA, and WPA2.
- Firewall: Stateful Packet Inspection (SPI).
- Wi-Fi Protected Setup (WPS).
- Stream Engine Technology.
- Wireless Intelligent Stream Handling (WISH).
- P2P enhanced up to 35000 connections.

ESR9753

**11b/g/n
Wireless-N Broadband Router**

- IEEE802.11b/g/n compliant.
- High speed data rate up to 150Mbps.
- Built-in 4-Port 10/100 Switch.
- Green Technology (Power Saving).
- Supports WEP, WPA, and WPA2.
- WPS button support.
- Supports 1T x 1R radio.

ESR150H

Long range

Coming
Soon**11b/g/n
Long Range Wireless-N Router**

- IEEE802.11b/g/n compliant.
- Wireless speed up to 150Mbps.
- Built-in 4 LAN Ports (10/100Mbps).
- Built-in 1 WAN Port (10/100Mbps).
- 1 x Integrated PIFA antenna (4dBi).
- Supports WEP, WPA, and WPA2.
- Firewall : Stateful Packet Inspection (SPI).
- Wi-Fi Protected Setup (WPS).
- Parental control.

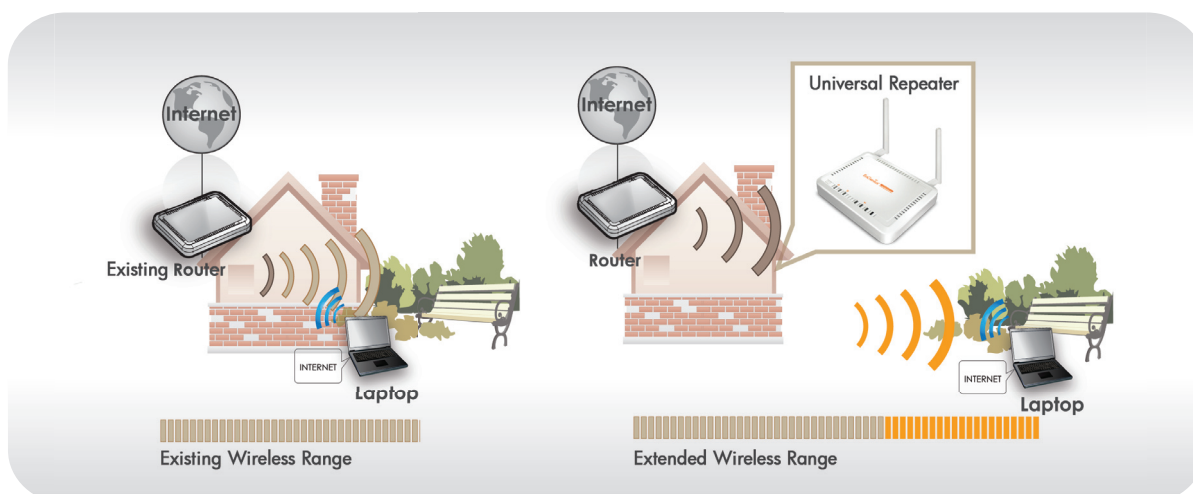
ESR300H

Long range

Coming
Soon**11b/g/n
Long Range Wireless-N Router**

- IEEE802.11b/g/n compliant.
- Wireless speed up to 300Mbps.
- Built-in 4 LAN Ports (10/100Mbps).
- Built-in 1 WAN Port (10/100Mbps).
- 2 x Integrated PIFA antennas (4dBi).
- Supports WEP, WPA, and WPA2.
- Firewall : Stateful Packet Inspection (SPI).
- Wi-Fi Protected Setup (WPS).
- Parental control.

Universal Repeater



ERB9250



11b/g/n Wireless-N Universal Repeater

- IEEE802.11b/g/n compliant.
- Ultra Speed: 6x up to 300Mbps.
- One Touch Setup Extender.
- Client Mode WPS.
- Repeater + Client Bridge.
- Green Technology (Power Saving).
- Upgradable Antenna (SMA connector).
- Full Security Support.

Wireless VPN Router

EVR100



11b/g/n 802.11b/g/n VPN Router

- IEEE802.11b/g/n compliant.
- Wireless speed up to 300Mbps.
- Built-in 4 LAN Ports (10/100/1000Mbps).
- Built-in 1 WAN Port (10/100/1000Mbps).
- Supports WEP/WPA/WPA2.
- 5 VPN Tunnels.
- Wi-Fi Protected Setup.
- RP-SMA upgradable antennas.

Wireless 3G Router



HOME AND
HOME OFFICE

ESR6670



11b/g/n Wireless-N 3.5G Multimedia Router

- IEEE 802.11b/g/n Compliant.
- High speed data rate up to 300Mbps.
- 2 x LAN, 1 x WAN Port.
- 1 x USB (3.5G card interface).
- Upgradable antenna.
- Full WiFi security and firewall support.

ETR9350



11b/g/n Wireless-N Pocket Router

- IEEE 802.11b/g/n Compliant.
- High speed data rate up to 300Mbps.
- Pocket size 11n AP in 91 x 63 x 31mm.
- USB support connector for 2.5G/3G/3.5Gs.
- 10W Internal Power Board.
- AP/Router/Client Bridge mode.
- One 10/100 Fast Ethernet RJ-45.
- 2 Internal PCB Antenna.
- 5 LEDs (Operation mode, Power, WLAN, WPS, RJ45 port).

ETR9360



11b/g/n Battery Operated Wireless-N Pocket Router

- IEEE 802.11b/g/n Compliant.
- Built-in operating battery.
- High speed data rate up to 150Mbps.
- 13 hours standby/4 hours full loading.
- Pocket size 11n AP in 91 x 63 x 31mm.
- USB support connector for 2.5G/3G/3.5Gs.
- 10W Internal Power Board.
- AP/Router/Client Bridge.
- One 10/100 Fast Ethernet RJ-45.
- 2 Internal PCB Antenna.

LONG RANGE CORDLESS SYSTEM

Target user work in



Warehouse

Increased efficiency and productivity
Warehouse staff respond to order changes and enquiries in real time, without costly delays. Managers track shipments and make direct calls to suppliers quickly



Farmland/Ranch

Connecting the workspace
Farm and ranch worker utilize wireless telephones to coordinate efforts between workspace and supporting staff.



Office

Immediate access to information
Customers reach the right person directly rather than being transferred into voicemail. Managers are contacted quickly when a decision must be made, eliminating costly delays.



School

Higher level of campus security
Teachers, administrators, and security staffs have communication access anywhere on campus, enabling them to stay in touch with each other.

EP801



Extreme Range Single Line Cordless Telephone

- 1-Line digital long range cordless, base with dialing keypad and speakerphone.
- Frequency band: 863-865MHz.
- Coverage up to 25,000 square feet, 6 floors of penetration, 6 acres.
- Expandable to 9 additional handsets, 4 additional bases.
- Display multi-language: English/French/German/Italian/Spanish.
- ETSI caller ID supported.
- Handset & base speakerphone.
- Two-way intercom.
- Broadcasting.
- CE Compliance.
- RoHS compliant.

EP802



Long Range Single Line Cordless Telephone

- Up to 10 acres of outdoor coverage.
- Up to 6 floors of in-building penetration.
- Up to 25,000 square feet of indoor coverage.
- Multi-language setup option.
- Built-in speakerphone on both the base and handset units.
- Two-way radio for instant communication.
- Extreme Range - Superior penetration through concrete, wood and dry wall for multi-level and outdoor range.
- Built-in Intercom/Radio - Acts as a two-way radio for instant, alternative forms of wireless communication.
- Expandability - Supports anywhere from 1 to 9 handset(s) per base.
- WiFi Friendly - Will not interfere or cause disruption with WiFi-networks.
- Hands-Free Speakerphones - Speakerphone use on either handset(s) or base.

EP800H



Industrial Long Range Cordless System

- Industrial location.
- 863MHz~865MHz Frequency Band.
- 10mW RF Power.
- 2Km range.
- Multi-channel with auto-scan.
- Durability.
- Compatible with EP802/EP801.
- Up to 10 acres of outdoor coverage.
- Up to 6 floors of in-building penetration.
- Up to 25,000 square feet of indoor coverage.
- Multi-language setup option.
- Two-way radio for instant communication.
- Extreme Range - Superior penetration through concrete, wood and dry wall for multi-level and outdoor range.
- Built-in Intercom/Radio - Acts as a two-way radio for instant, alternative forms of wireless communication.
- Hands-Free Speakerphones - Speakerphone

Accessories

ESA-7500



Surge Arrester

- Superior lightning and surge protection.
- Compatible with Power-over-Ethernet (PoE).
- Supports normal and reverse polarity PoE.

EPE-4818



PoE Injector

- Delivers Power-over-Ethernet cable.
- Centralized power supply with each remote device.
- Input: 48V/0.375A, with 18V power supply.
- Protects equipment from power surge.

EPE-5818Gaf



802.3af Gigabit PoE Injector

- Default power over ethernet cable.
- Support Gigabit Ethernet.
- Provide huge throughput up to 1000Mbps.
- Input: 48V/0.375A.
- Designed for outdoor networking facility and low density installations.
- Best use with ECB9500.

EP801 Accessories



Desktop Charger (dual slot)



1700mAh Li-Ion Battery



Optimal performance handset antenna (long)



Low profile handset antenna



Base dipole antenna



Pouch



Base power adapter (12V/1A) AC100~240V



Handset Charger power adapter (5.5V/1.5A) AC100~240V

LONG RANGE
CORDLESS SYSTEM


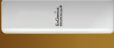
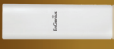


	OUTDOOR CPE				DUAL CONCURRENT AP
	EOC2611P	EOC5611P	EOC1650	EOC5510	EOR7550
PRODUCT PICTURE					
STANDARD	b/g	a/b/g	b/g	a	a/b/g/n
WIFI DATA RATE (Mbps)	108	54	54	54	54 + 300
LAN INTERFACE	1	1	1	1	1
MAX. TX POWER (dBm)	28	26	23	23	28 + 29
ANTENNA	Integrated 10dBi 24V/0.6A	Integrated 14dBi 24V/1A	Integrated 7dBi 24V/0.6A	Integrated 8dBi 24V/0.6A	2 x N-type 48V/0.38A
POWER SUPPLY	Proprietary IP55	Proprietary IP55	Proprietary IPX	Proprietary IPX	Proprietary IP65
WATERPROOF					

INDOOR AP & CPE				MESH AP				
M300	EAP350	ECB3500	ECB9500	ECB150	ECB300	ECB7510	M35	M36
B/G/N	B/G	B/G/N	B/G/N	B/G/N	B/G/N	A/B/G/N	B/G	B/G
300	108	108	300	150	300	300+ 300	108	108
1	1	1	1	1	1	1	1	1
28	28	19	28	28	28	15	28	
Internal 5dBi	5dBi x 2 External TNC	5dBi x 3 External TNC	5dBi x 1 External TNC	5dBi x 1 External TNC	5dBi x 2 External TNC	2.4G/5G (3dBi/5dBi) Dual Band Antenna	5dBi x 2 External TNC	Internal 5dBi
12V/1A 802.3af	12V/1A 802.3af	12V/1A 802.3af	12V/1A 802.3af	12V/1A 802.3af	12V/1A 802.3af	12V/1A 802.3af	12V/1A 802.3af	12V/1A 802.3af
Y	Y	Y	Y	Y	Y	Y	Y	Y
							Y	Y






Business Indoor & Mesh Solution Comparison Chart

[illegible]

11N Outdoor Solution Comparison Chart

	ENH200	ENH200EXT	ENH202	ENH210	ENH210 EXT
PRODUCT PICTURE					
STANDARD	B/G/N	B/G/N	B/G/N	B/G/N	B/G/N
WIFI DATA RATE (Mbps)	150	150	300	300	300
LAN INTERFACE	2	1	2	2 x Gigabit	2 x Gigabit
MAX. TX POWER (dBm)	28	28	28	28	28
EXTERNAL RF CONNECTOR					2 x N-Type
ANTENNA	Internal 10dBi	1 x SMA	Internal 10dBi	Internal 14dBi	
POWER SUPPLY	24V/1A	24V/1A	24V/1A	48V	48V
PoE	Proprietary	Proprietary	Proprietary	802.3af/at	Proprietary
WATERPROOF	IP55	IP55	IP55	IP67	IP67






Wireless Adapter Comparison Chart

PRODUCT PICTURE	WIRELESS DONGLE			HIGH POWER		
	EUB-9706 2.4GHz, 802.11b/g/n	EUB-9707 2.4GHz, 802.11b/g/n	EUB-9801 2.4 & 5 GHz, 802.11a/b/g/n	EUB9603 EXT 2.4GHz, 802.11b/g/n	EUB9603H 2.4GHz, 802.11b/g/n	
						
	DUAL BAND					
	WIFI DATA RATE (Mbps)	300	150		150	150
WMM	Y	Y	Y	Y	Y	Y
WPA/WPA2	Y	Y	Y	Y	Y	Y
WEP64/128	Y	Y	Y	Y	Y	Y
802.1X	Y	Y	Y	Y	Y	Y
WPS BUTTON	Y	Y	Y		Y	Y
ANTENNA CONFIGURATION	2T x 2R mode	1T x 1R mode	2T x 2R mode	1 x 2dBi External	1 x 5dBi External	
SUPPORTED DRIVERS						
WINDOWS 2000	Y	Y	Y	Y	Y	Y
WINDOWS XP	Y	Y	Y	Y	Y	Y
WINDOWS VISTA 32-BIT	Y	Y	Y	Y	Y	Y
WINDOWS VISTA 64-BIT	Y	Y	Y	Y	Y	Y
WINDOWS 7	Y	Y	Y	Y	Y	Y
MAC OSX	Y	Y	Y	Y	Y	Y

Wireless 3G & Wireless-N Router Comparison Chart

		3G ROUTER			UNIVERSAL REPEATER
		ESR6670 2.4GHz, 802.11b/g/n	ETR9350 2.4GHz, 802.11b/g/n	ETR9360 2.4 & 5 GHz, 802.11a/b/g/n	ERB9250 2.4GHz, 802.11b/g/n
PRODUCT PICTURE					
WIFI DATA RATE (Mbps)		300	300	150	300
3G		Y	Y	Y	N.A
LAN INTERFACE		2*10/100Mbps	Share WAN Port	Share WAN Port	4*10/100Mbps
WAN INTERFACE		1*10/100Mbps	1*10/100Mbps	1*10/100Mbps	1*10/100Mbps
MEMORY		32MB SDRAM	32MB SDRAM	32MB SDRAM	32MB SDRAM
FLASH		4MB	4MB	4MB	4MB
ANTENNA		2*Dipole external Antenna; 2dBi	2dBi PCB Antenna x 2	2dBi PCB Antenna x 1	2*Dipole external Antenna; 2dBi
SOFTWARE FEATURES					
OPERATION MODE		AP/ROUTER/WDS	AP/ROUTER/CB	AP/ROUTER/CB	Repeater & Client Router
POWER SUPPLY		12V/1.25A switching	Internal Power	Battery/Adapter 5V2A	12V/1A switching
USB PORT		N.A	3G	3G	N.A
PoE		N.A	N.A	N.A	N.A
DHCP	SERVER	Y	Y	Y	Y
	CLIENT	Y	Y	Y	Y
STATIC IP		Y	Y	Y	Y
UPnP		Y	Y	Y	Y
DNS/DDNS		Y	Y	Y	Y
DNS RELAY		Y	Y	Y	Y
PPTP		Y	Y	Y	Y
PPPoE		Y	Y	Y	Y
STATIC ROUTING TABLE		Y	Y	Y	Y
DYNAMIC ROUTE		Y	Y	Y	Y
PORT FORWARDING		Y	Y	Y	Y
PORT TRIGGERING		Y	Y	Y	Y
PORT MAPPING		Y	Y	Y	Y
MAC FILTERING		Y	Y	Y	Y
ALG SUPPORT		Y	Y	Y	Y
QOS		Y	Y	Y	Y
ICMP BLOCKING		Y	Y	Y	Y
MEDIA SESSION		N.A	N.A	N.A	N.A
DoS PROTECTION		Y	Y	Y	Y
POWER SAVING ENERGY		Y	Y	Y	Y
MSSID		Y	Y	Y	Y
OUTPUT POWER CONTROL		Y	Y	Y	Y
MAC ADDRESS FILTER		Y	Y	Y	Y
IP ADDRESS FILTER		Y	Y	Y	Y
BACKUP/RESTORE		Y	Y	Y	Y

Repeater & Gigabit Series Router Comparison Chart

		11 N WIRELESS ROUTER			GIGABIT SERIES	
		ESR-9753 2.4GHz, 802.11b/g/n	ESR150H 2.4GHz, 802.11b/g/n	ESR300H 2.4GHz, 802.11b/g/n	ESR9850 2.4GHz, 802.11b/g/n	ESR9855G 2.4 & 5 GHz, 802.11a/b/g/n
PRODUCT PICTURE						
WIFI DATA RATE (Mbps)		150	150	300	300	300
3G		N.A	N.A	N.A	N.A	N.A
LAN INTERFACE		4*10/100Mbps	4*10/100Mbps	4*10/100Mbps	4*10/100/1000Mbps	4*10/100/1000Mbps
WAN INTERFACE		1*10/100Mbps	1*10/100Mbps	1*10/100Mbps	1*10/100/1000Mbps	1*10/100/1000Mbps
MEMORY		16MB SDRAM	32MB SDRAM	32MB SDRAM	32MB SDRAM	64MB DDR
FLASH		4MB	4MB	4MB	4MB	8MB
ANTENNA		1*Dipole external Antenna; 2dBi	1*Integrated PIFA Antenna; 4dBi	1*Integrated PIFA Antenna; 4dBi	2*Dipole external Antenna; 2dBi	2*Dipole external Antenna; 2dBi
SOFTWARE FEATURES						
OPERATION MODE		AP/ROUTER/WDS/Repeater	AP/ROUTER/WDS	AP/ROUTER/WDS	AP/ROUTER/Repeater/WDS AP	AP/ROUTER/WDS
POWER SUPPLY		12V/1A switching	12V/1A switching	12V/1A switching	12V/1A switching	12V/1.25A
USB PORT		N.A	N.A	N.A	N.A	N.A
PoE		N.A	N.A	N.A	N.A	N.A
DHCP	SERVER	Y	Y	Y	Y	Y
	CLIENT	Y	Y	Y	Y	Y
STATIC IP		Y	Y	Y	Y	Y
UPnP		Y	Y	Y	Y	Y
DNS/DDNS		Y	Y	Y	Y	Y
DNS RELAY		Y	Y	Y	Y	Y
PPTP		Y	Y	Y	Y	Y
PPPoE		Y	Y	Y	Y	Y
STATIC ROUTING TABLE		Y	Y	Y	Y	Y
DYNAMIC ROUTE		Y	Y	Y	Y	Y
PORT FORWARDING		Y	Y	Y	Y	Y
PORT TRIGGERING		Y	Y	Y	Y	Y
PORT MAPPING		Y	Y	Y	Y	Y
MAC FILTERING		Y	Y	Y	Y	Y
ALG SUPPORT		Y	Y	Y	Y	Y
QOS		Y	Y	Y	Y	Y
ICMP BLOCKING		Y	Y	Y	Y	Y
MEDIA SESSION		N.A	N.A	N.A	50000	35000
DoS PROTECTION		Y	Y	Y	Y	Y
POWER SAVING ENERGY		Y	Y	Y	Y	Y
MSSID		Y	Y	Y	Y	N.A
OUTPUT POWER CONTROL		Y	Y	Y	Y	N.A
MAC ADDRESS FILTER		Y	Y	Y	Y	Y
IP ADDRESS FILTER		Y	Y	Y	Y	Y
BACKUP/RESTORE		Y	Y	Y	Y	Y

EnGenius Product Index 2012

Business Class: Cloud based network management

EAP3660-CC	05
ECB3500-CC	05
EOC2611P-CC	05
ESR7750-CC	05

Business Class: Indoor MESH AP

M35	07
M36	07

Business Class: Outdoor MESH AP

M2000	08
-------	----

Business Class: Outdoor AP Series

EOR7550	10
---------	----

Business Class: Outdoor MESH CPE Series

EOC1650	11
EOC2611P	11
EOC5510	11
EOC5611P	11

Business Class: 11N Outdoor Series

ENH200	12
ENH202	12
ENH500	12
ENH210/210EXT	12

Business Class: Indoor AP & CPE Series

EAP3660	15
EAP9550	15
EAP150	16
EAP300	16
EAP350	16
ECB3500	16
ECB9500	17
ECB150	17
ECB300	17
ECB7510	17

Home & Home Office: Wireless Broadband Router

ESR9850	18
ESR9855G	18
ESR9753	19
ESR150H	19
ESR300H	19

Home & Home Office: Universal Repeater

ESR9250	20
---------	----

Home & Home Office: Wireless VPN Router

EVR100	20
--------	----

Home & Home Office: Wireless 3G Router

ESR6670	21
ETR9350	21
ETR9360	21

Long Range Cordless System: Cordless Phone

EP801	23
EP802	23
EP800H	23

Home & Home Office: Accesories

ESA-7500	24
EPE-4818	24
EPE-5818Gaf	24

Long Range Cordless System: Accesories

EP801	25
-------	----

To learn more about EnGenius products,
please visit:

www.engenius-europe.com