


# EnGenius | europe

"leader in long range wireless"

## Product Overview 2012

### Bussiness Class

Outdoor Enterprise CPE											
Model Name	EOC5611P	EOC2611P	EOC1650	EOC5510	ENH200	ENH200EXT	ENH202	ENH500	ENH210	ENH210EXT	ENH700EXT
ISM Band	802.11a/b/g	802.11b/g	802.11b/g	802.11a	1T x 1R	1T x 1R	2T x 2R, 802.11b/g/n	2T x 2R, 802.11a/n	2T x 2R, 802.11b/g/n	2T x 2R, 802.11b/g/n	Dual Concurrent, 802.11a/b/g/n
Ethernet	(10/100)LAN x 1	(10/100)LAN x 1	(10/100)LAN x 1	(10/100)LAN x 1	(10/100)LAN x 2	(10/100)LAN x 1	(10/100)LAN x 2	(10/100)LAN x 2	(10/100/1000)LAN x 2	(10/100/1000)LAN x 2	(10/100/1000)LAN x 1
Flash	8 MB	8 MB	8 MB	8 MB	8 MB	8 MB	8 MB	8 MB	16 MB	16 MB	8 MB
SDRAM	32 MB	32 MB	32 MB	32 MB	32 MB	32 MB	32 MB	32 MB	64 MB	64 MB	64 MB
Antenna	2 x External SMA Connector (for 2.4GHz and 5GHz individual) 1x Internal 14 dBi 5GHz Panel Antenna (Dual Polarization) (Hardware Switch)	1 x External SMA Connector 1x Internal 10 dBi 2.4GHz Panel (Dual Polarization) (Hardware Switch)	1 x External SMA Connector 1x Internal 7 dBi 2.4GHz Panel Antenna (Hardware Switch)	1x External SMA Connector 1x Internal 9 dBi 5GHz Panel Antenna (Dual Polarization) (Hardware Switch)	1x Internal 10 dBi 2.4GHz Panel Antenna (Dual Polarization)	1 x External SMA Connector	1x Internal 10 dBi 2.4GHz Panel Antenna (Dual Polarization)	1x Internal 13 dBi 5GHz Panel Antenna (Dual Polarization)	1x Internal 14 dBi 2.4GHz Panel Antenna (Dual Polarization)	2 x External N-Type Connector With Surge Arrester	WLAN1(11a/n): 2 x External N-Type Connector WLAN2(11b/g/n): 2 x External N-Type Connector
RF Output Power*	11a = 26dBm, 11g = 26dBm, 11b = 27dBm	11b/g = 28dBm	11b/g = 24dBm	11a = 23dBm	11b/g/n = 27dBm	11b/g/n = 27dBm	11b/g/n = 29dBm	11a/n = 27dBm	11b/g/n = 29dBm	11b/g/n = 29dBm	WLAN1 : 11a/n = 26dBm WLAN2 "11b/g/n/ = 27dBm
Operation Temperature	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
IP Standard	IP65	IP65	IP32	IP32	IP65	IP65	IP65	IP65	IP67	IP67	IP68
Power Supply	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	48V 802.3at	48V 802.3at	48V Proprietary
Operation Mode	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	AP/CB/CR/WDS	Dual AP/CB/WDS

\*Depends on different country regulations



### ENH700EXT

802.11n, 2.5G / 5G Wireless 2x2 Outdoor Dual Concurrent AP

- High Transmit Power for Greater Coverage
- Two Independent Radios (802.11a/n & 802.11b/g/n)
- High Speed Data Rate up to 300Mbps per radio
- External Connectors for Antenna Upgrade
- IP68 Enclosure Provides Resistance Against Harsh Environment
- 48V PoE, 802.3at Support, Reset Button on PoE Injector
- Latest Security WPA/ WPA2
- Multiple SSID, VLAN Tagging, SNMP



### ENH210

802.11n 2.4G Wireless 2x2 Long Range Outdoor AP / CB

- 802.11b/g/n
- 2Tx+2Rx: 300Mbps, 2 X Gigabit Ethernet
- High Power up to 29dBm
- Built in 14 dBi antenna
- Specific WISP Mode (CB/ CR/ AP)
- IP67 Water proof design
- 24V~48V PoE support
- Reset button on PoE injector
- MSSID, SNMP, Narrow Band Support
- Bandwidth Management



### ENH202

802.11n 2.4G Wireless 2x2 Long Range Outdoor CB / AP

- 802.11b/g/n
- 2Tx+2Rx: 300Mbps, 2 x 10/100 Ethernet Port
- High Power up to 28dBm
- Integrate 10dBi Dual Polarization Antenna
- Specific WISP Mode(CB/AP/CR/WDS)
- IP65 Waterproof Design
- 24V PoE Support
- Reset button on PoE Injector
- MSSID, SNMP, LED Indicator



### ENH500

802.11n 5G Wireless 2x2 Long Range Outdoor CB / AP

- 802.11a/n
- 2Tx+2Rx: 300Mbps, 2 x 10/100 Ethernet
- High Power up to 28dBm
- Integrate 13dBi Antenna with polarization
- Specific WISP Mode (CB/ CR/ AP)
- IP65 Water proof design
- 24V PoE support
- Reset button on PoE injector
- MSSID, SNMP, Narrow Band Support, Bandwidth Management

### Wireless Indoor Solution



Small / Medium Enterprise



Hotels



Restaurants



Schools

### Wireless Outdoor Solution



Docks



Hotels



Security / Surveillance Camera's



Campsites



## 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.

EnGenius Europe  
Veldzicht 30a  
3454 PW Utrecht  
The Netherlands

info@engenius-europe.com  
(Only for commercial sale)  
+31 (0)30 669 1417  
+49 (0)851 2 26 09 82

Helpdesk for Dutch & Belgium end-users  
NL: 0900-9090050 / BE: 0900-77830  
Mo-Fr: 09:00 – 13:00

Commercial sale France & United Kingdom  
(FR Office) +33-(0)9 7719 9128  
(UK Office) +44-20 32391168

## 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
- Scalability
- Low-cost management
- Mobility
- Reduced total cost of ownership (TCO)
- Secure guest access
- Performance
- Outdoor wireless Mesh networking
- Extended Connectivity
- 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.

## EnGenius CloudTrax

EnGenius has integrated their access points with the CloudTrax management software, which is a cloud-based solution for WiFi hotspots. It is perfect for environments where a wireless internet is offered to visitors or guests, for example in the hospitality sector.

Visitors only need login information, which can be provided through tickets. These tickets could be sold and it is possible to specify the amount of time each user can spend online with one of these tickets.

EnGenius CloudTrax is available for the EOC-2611P and the ECB-3500, but the CloudTrax portfolio will be expanded.

### Browser Based Monitoring

- Web based management options
- Real-time monitoring
- Free app for smartphones



### Captive portal

- Captive portal before visitors can use the internet
- Design the captive portal yourself with the user-friendly interface
- Place an advertisement in your captive portal

Login

Account or Network:

Password:

Edit

View Status


Create account • Lost login?

### Ticket Printing

- Create tickets with login information for visitors
- Adjust the amount of time which these login is usable
- Design the tickets yourself with the user-friendly interface

Internet Access Code: IREdsL

Hours Valid: 1

 Eleanor's Cafe

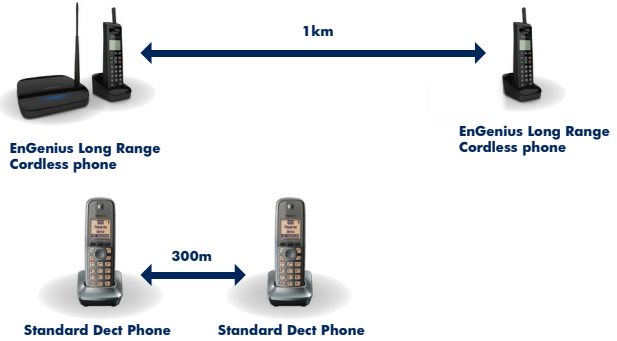
Cloud Controlled Business Class		
Model Name	EOC-2611P-CC	ECB-3500-CC
ISM Band	802.11b/g	11b/g
WiFi Data Rate	108Mbps	108Mbps
Ethernet	10/100	10/100
Flash	4 MB	8 MB
SDRAM	16 MB	32 MB
Antenna	Internal 5dBi ANT	External TNC*2 5dBi
RF Output Power*	11b/g/n = 29dBm	11b = 27dBm
Operation Temperature	0°C ~ 45°C	0°C ~ 45°C
PoE Support	Yes	Yes
Power Supply	12V/1A switching	12V/1A switching
Operation Mode	AP/WDS AP/Repeater	AP/CB/CR/WDS AP/WDS CB/Router/Repeater

\*Depends on different country regulations

Indoor Enterprise CPE					
Model Name	EAP3660	EAP150	EAP300	EAP350	EAP600
ISM Band	802.11b/g	11 TR, 802.11b/g/n	2T2R, 802.11b/g/n	11 TR, 802.11b/g/n	802.11a/b/g/n
WiFi Data Rate	108Mbps	150Mbps	300Mbps	350Mbps	300Mbps + 300Mbps
Ethernet	10/100	10/100	10/100	10/100/1000	10/100/1000
Flash	4 MB	4 MB	4 MB	8 MB	8 MB
SDRAM	16 MB	32 MB	32 MB	32 MB	64 MB
Antenna	Internal 5dBi ANT	Internal 5dBi ANT	Internal 5dBi ANT	Internal 5dBi ANT	Internal 6dBi ANT
RF Output Power*	11b/g/n = 29dBm	11b/g/n = 26dBm	11b/g/n = 29dBm	11b/g/n = 29dBm	11b/g/n = 29dBm 11a/n = 26dBm
Operation Temperature	0°C ~ 45°C	0°C ~ 45°C	0°C ~ 45°C	0°C ~ 45°C	0°C ~ 50°C
PoE Support	Yes	Yes	Yes	Yes	802.3af/at
Power Supply	12V/1A switching	12V/1A switching	12V/1A switching	12V/1A switching	12V/1.25A
Operation Mode	AP/WDS AP/Repeater	AP/WDS AP/Repeater	AP/WDS AP/Repeater	AP/WDS AP/Repeater	AP/WDS AP/Repeater

\*Depends on different country regulations

Long Range Cordless Phones			
Model Name	EP801	EP802	EP800H
ISM Band	802.11b/g	11 TR, 802.11b/g/n	2T2R, 802.11b/g/n
Frequency Band	863-865MHz	863-865MHz	863-865MHz
Coverage	25,000 Square Feet 6 Floors / 6 Acres Outdoor	25,000 Square Feet 6 Floors / 6 Acres Outdoor	25,000 Square Feet 6 Floors / 10 Acres Outdoor
System	Handset & Speakerbase	Handset & Base	Handset
Display Language	Multi-Language Setup Option	Multi-Language Setup Option	Multi-Language Setup Option
Handsfree Speaker	Yes	Yes	Yes
Caller ID Support	Yes	Yes	Yes
Protection	Normal	Normal	Industrial
CE Compliance	Yes	Yes	Yes
RoHS Compliance	Yes	Yes	Yes



### 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.

