

ENH200

LONG RANG WIRELESS 11N OUTDOOR CB/AP

IEEE802.11b/g/n 1T+1R 150Mbps 25Km High Performance

ENH200



OVERVIEW

- Frequency Band : 2.412-2.472GHz
- High Gain 10dBi Internal Antenna with dual polarization
- CB/AP/CR/WDS Operation Mode
- Extended RJ-45 Port
- IP55 Waterproof Protection
- LED Indicator

Features

Specification

- **High output power** Transmit high output power programmable for different country selections
- **High Data Rate** High speed transmitting rate up to 150Mbps with 1T1R 802.11n
- **Long range transmitting** Transmit power control and distance control (ACK timeout)
- **Signal Strength Display** RF signal strength status shown LEDs of 3 colors, making network build-up easier. LED indicators have the best transmit and receive signal for traffic communication
- **Multiple SSID** 4 SSID supported. Each SSID can set itself wireless or WAN access setting

Networking

- **Narrow Bandwidth** Provide different bandwidth selection (5MHz/10MHz/20MHz/40MHz) for wireless communication
- **PPPoE** Point-to-Point Protocol over Ethernet at Client Router mode. This function will keep trying when failed or disconnected
- **PPTP** Point-to-Point Tunneling Protocol (PPTP) is a method for implementing virtual private networks
- **802.11i & 802.1x** WPA, WPA2 & IEEE802.1x Authenticator

Management

- **Firmware Upgrade** Upgrading firmware via web browser, setting are reserved after upgrade
- **Reset & Backup** Reset to factory default. User can export all setting into a file via WEB
- **Ping & Trace Route** Built-in PING function & Trace Route function in Web GUI
- **MIB** MIB I, MIB II(RFC1213), Private MIB
- **SNMP** V1, V2c

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Specificaions

Standard	IEEE 802.11 b/g/n	
Physical Interface	- 1 x Port with PoE support - 1 x Port - 1 x Reset	
Data rate	150 Mbps	
LEDs status	- Power Status - LAN1/LAN2 (10/100Mbps) - WLAN (Wireless is up) - 3 x Link Quality (Client Bridge mode)	
Security	- 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	
Power Requirements	- Active Ethernet (Power over Ethernet) - Proprietary PoE design - Power Adapter 24VAC / 0.6A	
Antenna	Internal Directional 10dBi	
Package Contents	- Wireless Long Range 11N CB/AP(ENH200) - PoE Injector (EPE-24R) - Power Adaptor - CD with User's Manual - QIG - Mounting Set - Special screw set	
Certifications	FCC, CE, IC	
RADIO FREQUENCY BAND		
Channel	Tx Avg. Power Optimal (dBm)	Rx Sensitivity Optimal (dBm)
802.11b(2.412 ~ 2.472GHz)		

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1Mbps	27	-97
2Mbps	27	-95
5.5Mbps	27	-92
11Mbps	27	-89
802.11g(2.412 ~ 2.472GHz)		
6Mbps	26	-96
9Mbps	26	-93
12Mbps	26	-89
18Mbps	26	-85
24Mbps	25	-81
36Mbps	24	-79
48Mbps	23	-76
54Mbps	22	-75
802.11n(2.412 ~ 2.472GHz)		
MCS0 / MCS8	26	-95
MCS1 / MCS9	26	-92
MCS2 / MCS10	26	-87
MCS3 / MCS11	26	-85
MCS4 / MCS12	24	-80
MCS5 / MCS13	23	-79
MCS6 / MCS14	22	-74
MCS7 / MCS15	21	-73
ENVIRONMENT & MECHANICAL		
Temperature Range	Operating -20°C ~ 70°C Storage -30°C ~ 80°C	
Humidity (non-condensing)	0% ~ 90 % typica	
Waterproof	IP55	