THE LEADER IN LONG RANGE BUSINESS CLASS WIRELESS DATA

ENH202

Business Class, Outdoor, Long Range, 802.11b/g/n Bridge/Access Point

Key Differentiators

DESIGNED FOR OUTDOOR DEPLOYMENTS

IP65 waterproof housing and cable accessory kit protects against moisture, rain and dew

DESIGN FOR OUTDOOR DEPLOYMENT WITH IP65 WATERPROOF HOUSING AGAINST MOISTURE, RAIN

Cable accessory kit prevents rain and dew getting into the device from cable connection

UP TO 300Mbps

Compliant with 802.11n standard for connection rate up to 300Mbps - 6x the speed of similar 802.11g devices and backward compatible to 11g

INTERNAL HIGH-GAIN 10dBi DIRECTIONAL ANTENNA

MULTIPLE SSIDS WITH VLAN BINDING

Permits different levels of network access when activating multiple SSID broadcasts. Individual SSIDs can be linked to existing VLANs to control user or department access

EASY TO DEPLOY

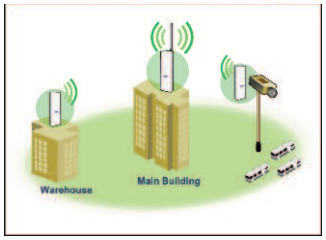
Includes signal strength LED indicators, pole mount and PoE injector kit

Ideal For:

OUTDOOR WIFI
OUTDOOR CPE

OUTDOOR WIRELESS
IP SURVEILLANCE CAMERA

OUTDOOR WIRELESS
SIGNAGE



POINT-TO-MULTIPOINT
COMMUNICATION

ENH202 — Technical Specifications

Specifications may change without notice.

HARDWARE SPECIFICATIONS

MCU/RF	Atheros AR7240/AR9283
Memory	32 MB
Flash	8 MB
Physical Interface	10/100 Fast Ethernet port x 2 Reset button x 1
LED Indicators	Power Status LAN (10/100Mbps) WLAN (Wireless is up) 3 x Link Quality (Client Bridge mode)
Power Requirement	Active Ethernet (Power over Ethernet) Proprietary PoE design Power Adapter 24VAC / 0.6A

RF SPECIFICATIONS

Wireless standard	IEEE802.11 b/g/n		
Frequency	2.412 ~ 2.472GHz (b/g/n)		
Modulation Technologies	IEEE 802.11b: DBQSK, DQPSK, CCK IEEE 802.11g: BQSK, QPSK, 16-QAM, 64-QAM IEEE 802.11n: BQSK, QPSK, 16-QAM, 64-QAM		
Operating Channels	11 channels		
Transmit Power	802.11b(2.412 ~ 2.472GHz) 29 dBm @ 1Mbps 29 dBm @ 2Mbps 29 dBm @ 5.5Mbps 29 dBm @ 11Mbps	802.11g(2.412 ~ 2.472GHz) 29 dBm @ 6Mbps 29 dBm @ 9Mbps 29 dBm @ 12Mbps 29 dBm @ 18Mbps 27 dBm @ 24Mbps 26 dBm @ 36Mbps 25 dBm @ 48Mbps 24 dBm @ 54Mbps	802.11n(2.412 ~ 2.472GHz) 29dBm @ MCS0 / MCS8 29 dBm @ MCS1 / MCS9 29 dBm @ MCS2 / MCS10 29 dBm @ MCS3 / MCS11 26dBm @ MCS4 / MCS12 25 dBm @ MCS5 / MCS13 24 dBm @ MCS6 / MCS14 23 dBm @ MCS7 / MCS15
Receiver Sensitivity	802.11b(2.412 ~ 2.472GHz) -97 dBm @ 1Mbps -95 dBm @ 2Mbps -92 dBm @ 5.5Mbps -89 dBm @ 11Mbps	802.11g(2.412 ~ 2.472GHz) -96 dBm @ 6Mbps -93 dBm @ 9Mbps -89 dBm @ 12Mbps -85 dBm @ 18Mbps -81 dBm @ 24Mbps -79 dBm @ 38Mbps -76 dBm @ 48Mbps -75 dBm @ 54Mbps	802.11n(2.412 ~ 2.472GHz) -95 dBm @ MCS0 / MCS8 -92 dBm @ MCS1 / MCS9 -87 dBm @ MCS2 / MCS10 -85 dBm @ MCS3 / MCS11 -80 dBm @ MCS4 / MCS12 -79 dBm @ MCS5 / MCS13 -74 dBm @ MCS6 / MCS14 -73 dBm @ MCS7 / MCS15
Antenna	Built-in 10dBi directional antenna ; Dual-polarity		

CONTENT OF PACKAGE - ENH202

- PoE Injector (EPE-24R)
- Power Adaptor
- CD with User's Manual
- QIG
- Mounting Set
- Special screw set

SOFTWARE SPECIFICATIONS

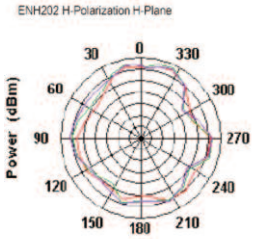
Topology	Infrastructure, ad-hoc
Protocol	IEEE802.3, 802.3u, 802.11 b/g/n (2.4 GHz)
Operation Mode	Access Point/Client Bridge/WDS bridge/WDS AP/WDS ST/Client Router
LAN	DHCP server/client
VPN	VPN Pass-through
Networking	PPPoE, PPTP, DHCP client, spanning tree, Channel bandwidth
Security	WEP encryption – 64/128/152 bit WPA/WPA2 Personal (WPA PSK uses TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP usesTKIP) 802.1x Authenticator Hide SSID in beacons MAC address filtering, up to 50 fields Wireless STA (Client) connected list

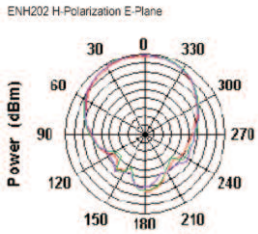
MANAGEMENT

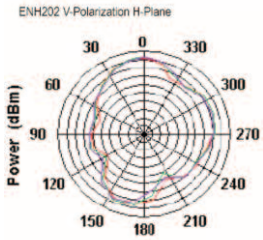
Configuration	Web-based configuration
Firmware Upgrade	Firmware upgrade via browser
Administrator Setting	Administrator password change
Reset Setting	Reboot; Reboot to factory default
SNMP	V1, V2c
MIB	MIB I, MIB II(RFC1213), Private MIB
Backup & Restore	Configuration backup, configuration restore
Diagnosis	Ping & Trace Route,
Time Setting	Manual; Auto: NTP

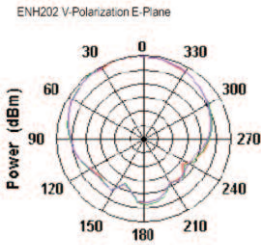
ENVIRONMENT & PHYSICAL

Temperature Range	Operation: -4°F ~ 158°F (-20°C ~ 70°C) Storage: -22°F ~176°F (-30°C ~ 80°C)
Humidity (non-condensing)	0%~90% typical
Dimensions	Length: 10.24" (260mm) Width : 3.31"(84mm) Height: 2.17"(55mm)
Weight	0.9 lb









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