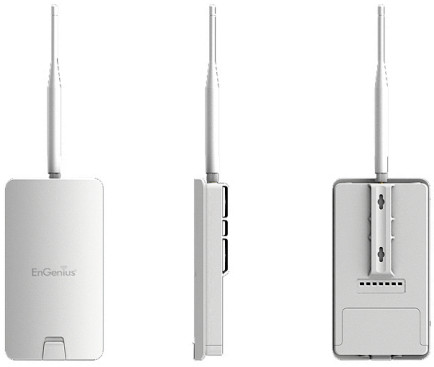
ERA150

- 2.4 GHz
- 150Mbps
- 26dBm
- AP/Repeater



PRODUCT OVERVIEW

ERA150 is a wireless-11n 150Mbps High Power Repeater. Except for AP function, it can be used as a repeater to extend AP's coverage in your environment.

Maxima 26dBm high power transmission provides extended coverage in your environment. MSSID + VLAN make your data more secure and easy management. Standard PoE interoperable with 802.3af makes internet connection more flexible

ERA150 designed with slim and white color outlook which will not violate your interior decoration. Enhanced mounting bracket kit offers better security to protect being taken easily. ERA150 is truly the best choice to boost your mobility.

SOFTWARE FEATURES		
SYSTEM REQUIREMENTS		
System	Windows Windows7, 98, ME, NT, XP, 2000. Mac OS X (10.4)	
Access method	Web Based (HTTP 1.0 / 1.1)	
Browser Compatibility	Microsoft IE 6.0 or above, Firefox 2.0 or above	
STATUS		
System Status	System Information	System Up Time, Device Name, Wireless MAC, LAN MAC, Country, Current Time,

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** All specifications are subject to change without notice

		Firmware Version
	Current IP Setting	IP Address, Subnet Mack, Default Gateway, DHCP, DNS.
	Current Wireless Setting	Operation mode, Wireless Mode, Channel/ Frequency, L2 Isolation, MSSID Setting
Client List		List current associated clients. Show only authorized and associated clients
System Log		Displays a list of events triggered
WIRELESS FUNCTIONAL LIST		
Operation mode		AP
		Repeater
802.11 mode options		b/g/n
Channel setting		Manual
		Auto / Best Channel Selection
Transfer rate setting		Auto and Manual
Output Power Control		Select by dBm
Multiple BSSID (Multi AP)		4 BSSID
		Each BSSID should has its own WiFi & security settings
WPS		Software only
Security	WEP	WEP(64/128bit)
	WPA/ WPA2	TKIP / AES
	MAC address filtering	MAC address filtering (WLAN, up to 50 field)
	802.1x Authenticator	MD5/ TLS/ TTLS, PEAP
LAN Settings		IP (check validity and DHCP server IP range) MAC
VLAN	MSSID	VLAN tag on MSSID
	Management VLAN Ethernet Port VID	Only allow user with specified VID to access the device
	Tag/ Untag Option	Independent VLAN setting can be enable or disable
	Add VLAN tag	Any packet that enters the Device without a VLAN tag will have a VLAN tag inserted with a PVID (Ethernet Port VID)
SNMP	SNMP V1/V2C	- SNMP Active : Disabled / Enabled - SNMP Version : V1/V2c/ALL
	MIBI, MIBII	

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	Private MIB	- Read Community - Set Community - System Location - System Contract - Trap Active : Disabled / Enabled - Trap Manager IP
Administration		User Name (set as "admin")
		Password (can be changed by user)
		Confirmed Password
Backup/ Restore Setting		Save Current Setting Restore Saved Setting Reset to Factory Default
QoS		WMM

TECHNICAL SPECIFICATIONS			
HARDWARE SPECIFICATIONS			
MCU	AR7240+AR9285		
Memory/ Flash	32MB / 8MB		
Physical Interface	LAN: 2 x 10/100 (one of the two LAN ports supports 802.3af PoE standard)		
	Reset x1		
	Power Jack x1		
LED Definition	Power x1	Green	Booting: Blink at 1HBooting System Ready: On Firmware Upgrade: Blink at 4Hz System Off: Power Off
	LAN x2	Green	Link: Solid Light / Active: Blinking (Receiving/ Transmitting data)
	WLAN x1	Green	Link: Solid Light / Active: Blinking (Receiving/ Transmitting data)
	Signal Indicator*3	Green Orange Red	Good: Green / Medium: Orange / Bad: Red
Adapter	12V / 2A		

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Datasheet
ERA150

WIRELESS SPECIFICATIONS			
Frequency Band	Radio I: 11b/g/n : 2.412 ~ 2.484 GHz		
Modulation Technology	OFDM: BPSK, QPSK, 16-QAM, 64-QAM DBPSK, DQPSK, CCK		
Operating Channels	2.4G (11 for North America, 14 for Japan, 13 for Europe) + Super Channels		
Wireless Setting	Operation Mode – AP / Repeater Wireless Mode – 11b/ 11g /11n Channel Selection (Setting varies by Country) Channel Bandwidth (Auto, 20Mhz, 40Mhz) Transmission Rate – 2.4GHz: 11n only ,11b/g/n mix ,11b only ,11b/g, 11g only		
Receive Sensitivity (Typical)	**802.11b** -97dBm @ 1Mbps -89dBm @ 11Mbps **802.11g** -96dBm @ 6Mbps -75dBm @ 54Mbps	**802.11n (2.4GHz)** -96dBm @ MCS0 -74dBm @ MCS7 -95dBm @ MCS8 -73dBm @ MCS15	
Available transmit power (2 stream) (The Max. Power may be different depending on local regulations)	11b	1Mbps - 11Mbps	27
	11g	6Mbps - 9Mbps	26
		12Mbps - 18Mbps	26
		24Mbps - 36Mbps	25
		48Mbps - 54Mbps	23
	11n	MCS 0-1 / 8-9	26
		MCS 2-3 / 10-11	26
		MCS 4-5 / 12-13	25
		MCS 6-7 / 14-15	23
Antenna	External 5dBi 1x1 ANT.		

ENVIRONMENT AND MECHANICAL	
Temperature Range	0 to 50° C - Operating, -20 to 60 ° C - Storage
Humidity (non-condensing)	90% or less – Operating, 90% or less - Storage

CERTIFICATION
► FCC

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► CE
► IC

PACKAGE CONTENT
► ERA150
► Power Adapter
► CD with User's Manual
► QIG
► Ethernet cable
► Security Mounting Bracket
► Wall Mount screw kit

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