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EAP150

Long Range Ceiling Mount Access Point

- 2.4 GHz
- 150Mbps
- 11b/g/n
- 26dBm
- AP/WDS

PRODUCT OVERVIEW

EAP150 is a 150Mbps wireless-n ceiling mount AP which offers users extended coverage, strong penetration, secure network management and simple connection.

It provides extended coverage and at least 3 floors penetration in your environment. MSSID + VLAN make your data more secure and easy management. Standard PoE interoperable with 802.3af makes internet connection more flexible.

EAP150 is designed as a Ceiling mount AP which will not violate your interior decoration. Only 3-step setup makes setting up simpler. EAP150 is the perfect choice for home and small business.

BUSINESS CLASS
EAP150

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, Firmware Version
	Current IP Setting	IP Address, Subnet Mask, 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	
	Universal Repeater	
WDS details	WDS AP algorithm	
	WDS bridge algorithm	
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	
Power Saving	Wireless LAN power saving	
Multiple BSSID (Multi AP)	4 BSSID for 2.4Ghz	
	Each BSSID should has its own Wi-Fi & security settings	
WPS	Software only	
Security	WEP	WEP(64/128bit)
	WPA/ WPA2	TKIP / AES

EAP150 Data sheet Version 150711

*Theoretical wireless signal rate based on IEEE standard of 802.11 b, g, n chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate.
** All specifications are subject to change without notice

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	MAC address filtering	MAC address filtering (WLAN, up to 32 field)
	802.1x Authenticator	MD5/ TLS/ TTLS, PEAP
	802.1x Supplicant	TTLS, PEAP
LAN Settings		IP (check validity and DHCP server IP range)
		MAC
DHCP server		DHCP Range, Lease Time, Client list
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
	MIBI, MIBII	- SNMP Version : V1/V2c/ALL
	Private MIB	- Read Community
		- Set Community
		- System Location
		- System Contact
		- 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
Firmware Upgrade		Firmware Upgrade
		Allow User to decide to Keep current setting or reset to default.
Diagnosis		Address to Ping :

TECHNICAL SPECIFICATIONS

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HARDWARE SPECIFICATIONS

MCU	RTL8196C+8188RE
Memory	32MB
Flash	4MB
Diameter * Height	120mm x 50mm

Physical Interface	LAN: 1 x 10/100 Fast Ethernet RJ-45 (802.3af PoE standard supported)
	Reset button
	Power Jack

LED Definition	Power x1	Blue	Booting: Blink at 1HBooting System Ready: On Firmware Upgrade: Blink at 4Hz System Off: Power Off
	WLAN x1	Blue	Link: Solid Light / Active: Blinking (Receiving/ Transmitting data)
	LAN x1	Blue	Link: Solid Light / Active: Blinking (Receiving/ Transmitting data)

Adapter	12V / 1A

WIRELESS SPECIFICATIONS

Frequency Band	2.412～2.484 GHz (11b, 11g, 11n)
Modulation Technology	OFDM: BPSK, QPSK, 16-QAM, 64-QAM DBPSK, DQPSK, CCK
Operating Channels	11 for North America, 14 for Japan, 13 for Europe
Wireless Setting	Operation Mode – AP / Universal Repeater Wireless Mode – 11b/ 11g /11n Channel Selection (Setting varies by Country) Channel Bandwidth (Auto, 20Mhz, 40Mhz) Transmission Rate - 11n only ,11b/g/n mix ,11b only ,11b/g
Receive Sensitivity (Typical)	2.412 ~ 2.472 GHz (11b) best $\leqq$ -93 dBm 2.412 ~ 2.472 GHz (11g) best $\leqq$ -90 dBm 2.412 ~ 2.472 GHz (11n) best $\leqq$ -88 dBm

Available transmit power	11b	1Mbps - 11Mbps	26
	11g	6Mbps - 9Mbps	26
		12Mbps - 18Mbps	25

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		24Mbps - 36Mbps	24
		48Mbps - 54Mbps	23
	11n	MCS 0-1 / 8-9	26
		MCS 2-3 / 10-11	25
		MCS 4-5 / 12-13	24
		MCS 6-7 / 14-15	23
Antenna	Internal 5dBi antenna * 1		

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

PACKAGE CONTENT
► EAP150
► Power Adapter (12V/1A)
► CD with User's Manual
► QIG
► Ethernet cable

Contact

E-mail: service@engeniustech.com.au
1300 725 323
1/14 Wellington Street, ACACIA RIDGE QLD 4110 Australia
Check www.engeniustech.com.au for your contact information

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