

ERB9260

Universal Repeater &
Wireless Client Bridge

- 2.4GHz
- 300Mbps
- 802.11b/g/n



ERB9260 extends the wireless signals to blind spots where the router cannot reach without needing to expand the network through a data cable. It picks up wireless signals and bounces them off to blind spot areas where wireless signals are unstable or inconsistent. It builds a more stable wireless network and saves on cabling or wiring costs.

Besides that, it also works as a wireless client bridge to turn a regular model-router and media player device into a WiFi-ready networking device by simply connecting Ethernet cable from any Ethernet LAN port of the device to the Ethernet port of EnGenius ERB9260.

SOFTWARE FEATURES

> SYSTEM REQUIREMENT

System	Microsoft Windows7, Vista, XP, 2000, 98, ME, NT or Mac OS
Access Method	Web Based (HTTP 1.0 / 1.1)
Browser Compatibility	Microsoft IE 6.0 or above, Firefox 2.0 or above

> STATUS

Physical Interface	System Information	System Up Time, Device Name, Wireless MAC, LAN MAC, Country, Current Time, Firmware Version
	Current Wireless Setting	Operating Modes, Wireless Mode, Channel/ Frequency, L2 Isolation, MSSID Setting

> Wireless Functional List

Operating Modes	Universal Repeater
	Client Bridge
	Client Router
Standards	IEEE802.11b/g/n

ERB9260 Data sheet Version 230911

*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 prior notice

HOME AND HOME OFFICE

ERB9260

Client List		Yes		
Transfer Rate Setting		Auto and Manual		
Output Power Control		Select Box (100%, 75%, 50%, 25%, 10%)		
Security	WEP	WEP (64/128bit)		
	WPA/ WPA2	TKIP / AES		
LAN Settings		IP (check validity and DHCP server IP range)		
Administration		User Name (set as "admin")		
		Password (can be changed by user)		
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 :		
HARDWARE SPECIFICATIONS				
MCU		RT3052		
Memory		32MB		
Flash		4MB		
Physical Interface		LAN: 1 x 10/100 Fast Ethernet RJ-45		
		WPS / Reset button		
		Slide Switch		
		Power Jack		
LED Definition		Status	Blue	
		Wireless	Blue	Blink on traffic
		WPS	Blue	Blink on traffic
		LAN	Blue	Blink on traffic
		PWR	Blue	On / Off
		Signal Strength	G/Y/R	Green (strong) / Yellow (normal) / Red (weak)
Power Converter		US / EU / UK		
WIRELESS SPECIFICATIONS				
Frequency Band		2.400~2.484 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
Receive Sensitivity	Optimal: -90dBm
Available Transmit Power	Optimal: 19dBm
Antenna	2dBi external

ENVIRONMENTAL 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 CONTENTS

• 1* ERB9260
• 1* CD (User's Manual)
• 1* AC Plug
• 1* QIG
• 1* Ethernet Cable