







PROJECT	M5000	M2000	M36	M35	M8000 (was the EOA-8670)	M9000
HARDWARE SPECIFICATION						
PICTURE						
IEEE STANDARD	11a/b/g	11b/g	11b/g	11b/g	WLAN1 : a/b/g(MiniPCI) WLAN2 : a/b/g(MiniPCI)	WLAN1 : a/b/g(MiniPCI) WLAN2 : a/b/g(MiniPCI)
RF	AR5112				AR5213 for 11a/b/g AR5213 for 11a/b/g	AR5213 for 11a/b/g AR5213 for 11a/b/g
ETHERNET	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP	Realtek RTL 8201CP
FLASH	Parial 8MB	Serial 8MB	Serial 8MB	Serial 8MB	16MB	16MB
SDRAM	32MB	32MB	32MB	32MB	64MB	64MB
ANTENNA	2 x External SMA connector 1 x Internal 14dBi 5GHz Panel Antenna(Dual Polarization) (Hardware Switch)	1 x External SMA connector 1 x Internal 10dBi 2.4GHz Panel Antenna(Dual Polarization) (Hardware Switch)	1 x Internal 5dBi 2.4GHz Smart Omni Antenna	2 x External 2.4GHz TNC 5dBi Omni Antenna	WLAN1(11a/b/g) : 1 x External N-type Connector WLAN2(11a/b/g) : 1 x External N-type Connector	WLAN1(11a/b/g) : 1 x External N-type Connector WLAN2(11a/b/g) : 1 x External N-type Connector
MODE	CB/AP/CR/WDS/Mesh	CB/AP/CR/WDS/Mesh	AP/Repeater/Mesh	7 modes + Mesh	Mesh AP	Mesh AP
RF OUTPUT POWER	11a = 26dBm, 11g = 26dBm, 11b = 27dBm	11b/g = 28dBm	11b/g = 28dBm	11b/g = 28dBm	WLAN1 : WLAN2 : 11a = 22dBm 11g = 26dBm, 11b = 26dBm	WLAN1 : WLAN2 : 11a = 22dBm 11g = 26dBm, 11b = 26dBm
POWER	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	24V Proprietary PoE	48V 802.3af	48V 802.3af
TEMPERATURE	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = 0 °C ~ 45 °C Storage = -10 °C ~ 55 °C Humidity = 5% ~ 95%	Operation = 0 °C ~ 45 °C Storage = -10 °C ~ 55 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%	Operation = -20 °C ~ 70 °C Storage = -30 °C ~ 80 °C Humidity = 5% ~ 95%
Dimension (mm)	260(L) x 84(W) x 55(H)	260(L) x 84(W) x 55(H)	Diameter:120mm, Height: 50mm	Diameter:120mm, Height: 50mm	260(L) x 175(W) x 65(H)	245(L) x 200(W) x 75(H)
IP STANDARD	IP55	IP55	X	X	IP65	IP68
SOFTWARE SPECIFICATION						
Mesh Function Support	YES	YES	YES	YES	YES	YES
System OS	LinuxOS	LinuxOS	LinuxOS	LinuxOS	MontaVista Linux	MontaVista Linux
Easy Setup Wizard	NO	NO	NO	NO	NO	NO
Access method	YES	YES	YES	YES	YES	YES
Browser Compatibility	YES	YES	YES	YES	YES	YES
System Information	YES	YES	YES	YES	YES	YES
Current IP Setting	YES	YES	YES	YES	YES	YES
Current Wireless Setting	YES	YES	YES	YES	YES	YES
Client List	YES	YES	YES	YES	YES	YES
System Log	YES	YES	YES	YES	YES	YES
Wireless Radio On/Off Button	NO	NO	NO	NO	NO	NO
Operation Mode	AP/CB/CR/WDS/Mesh	AP/CB/CR/WDS/Mesh	AP/Repeater/WDS/Mesh	7 modes + Mesh	MESH/AP	MESH/AP
Super Channel	YES	YES	YES	YES	NO	NO
Switch of 802.11 Modes	YES	YES	YES	YES	YES	YES
Turbo Mode(a or g)	NO	YES	YES	YES	NO	NO
Auto/Best Channel Selection	YES	YES	YES	YES	YES	YES
Radio On/Off Switch	NO	NO	NO	NO	NO	NO
Transfer Rate Setting	YES	YES	YES	YES	YES	YES
Output Power Control	YES	YES	YES	YES	YES	YES
Bandwidth Selection	YES	YES	YES	YES	NO	NO
Distance Control Bar	NO	NO	NO	NO	NO	NO
ACK Timeout Setting	YES	YES	YES	YES	YES	YES
RSSI Indicator	YES	YES	YES	YES	NO	NO
Signal Strength	YES	YES	YES	YES	YES	YES
QoS Function(WMM)	YES	YES	YES	YES	YES	YES
Power Saving	NO	NO	NO	NO	NO	NO
AP Detection	YES	YES	YES	YES	NO	NO
Multiple BSSID	YES	YES	YES	YES	YES	YES
WDS Function	YES	YES	YES	YES	NO	NO
WPS	NO	NO	NO	NO	NO	NO
Security - WEP	YES	YES	YES	YES	YES	YES
Security - WPA/ WPA2	YES	YES	YES	YES	YES(WPA)	YES(WPA)
Security - TKIP/ AES	YES	YES	YES	YES	AES(MESH)	AES(MESH)
Security - Hidden ESSID	YES	YES	YES	YES	YES	YES
Security - L2 Isolation	YES	YES	YES	YES	YES	YES
Preferred SSID	YES	YES	YES	YES	YES(AP)	YES(AP)
Site Survey	YES	YES	YES	YES	YES	YES
Router Function On/Off Button	NO	NO	NO	NO	NO	NO
DHCP Server	YES	YES	YES	YES	NO	YES
DHCP Client	YES	YES	YES	YES	YES	YES
Port Forwarding	YES	YES	YES	YES	NO	YES
Port Mapping	NO	NO	NO	NO	NO	YES
Port Tagging	NO	NO	NO	NO	NO	YES
ALG	NO	NO	NO	NO	NO	YES
VPN - VPN pass-thru	YES	YES	YES	YES	YES	YES
VPN Support	YES	YES	YES	YES	NO	YES
Layer 3 QoS	NO	NO	NO	NO	NO	YES
Network Filter - MAC	YES	YES	YES	YES	YES	YES
Network Filter - URL	NO	NO	NO	NO	NO	NO
Router - Filter - IP	NO	NO	NO	NO	NO	NO
Router - Filter - Port	NO	NO	NO	NO	NO	NO
Router - DMZ	YES	YES	YES	YES	NO	NO
Spanning Tree(STP)	YES	YES	YES	YES	YES	YES
Firewall - SPI	NO	NO	NO	NO	NO	NO
Firewall - Anti-DoS attack	NO	NO	NO	NO	NO	NO
Dynamic DNS	NO	NO	NO	NO	NO	YES
LAN side VLAN function	YES	YES	YES	YES	YES	YES
Change in WAN side MAC Address	NO	NO	NO	NO	NO	NO
WAN - PPPoE	YES	YES	YES	YES	NO	YES
WAN - Multi PPPoE	NO	NO	NO	NO	NO	NO
WAN - DHCP	YES	YES	YES	YES	NO	YES
WAN - Fixed IP	YES	YES	YES	YES	NO	YES
SNMP - V1, V2c	YES	YES	YES	YES	YES	YES
SNMP - Private MIB	YES	YES	YES	YES	YES	YES
Administration Setting	YES	YES	YES	YES	YES	YES
Remote Login	YES	YES	YES	YES	YES	YES
Traffic Shaping	YES	YES	YES	YES	NO	YES
VLAN Management	YES	YES	YES	YES	YES	YES
Backup/ Restore Setting	YES	YES	YES	YES	YES	YES
Firmware Upgrade	YES	YES	YES	YES	YES	YES
Time - NTP	YES	YES	YES	YES	YES	YES
Time - Setting for Time Server	YES	YES	YES	YES	YES	YES
UPnP	NO	NO	NO	NO	NO	NO
Diagnosis (ping)	YES	YES	YES	YES	YES	YES
Telnet Support	YES	YES	YES	YES	NO	NO
Emergency Recovery Page	NO	NO	NO	NO	NO	NO
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