



High Power 11 b/g AP Router

FD-8012014BG00AR



Features

- 802.11b/g compliant with 54Mbps high-speed data rate
- Operation modes: AP, AP client, Client, Bridge, WDS
- DHCP Server/Client
- Four Ethernet ports for broadband sharing
- Virtual DMZ, Port Forwarding
- Dynamic DNS
- TCP/UDP/ICMP/ARP protocol stack
- Firewall, URL/IP/Port/MAC filtering
- Wireless users access control
- Wireless security – 64/128bit WEP, WPA/WPA2, 802.1x and 802.11i
- Support PPPoE, VPN pass-through with multiple sessions, PPTP and L2TP
- Universal Plug and Play, no complicated installation necessary
- Quick and easy setup with Web-based management utility
- Detachable antenna allows user to replace higher gain antenna



SPECIFICATIONS

Standard	IEEE 802.11g/b
Frequency Band	2.400GHz ~ 2.484GHz
Radio type	IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11b: DSSS(CCK/DQPSK/DBPSK)
Data Rate	802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps 802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back
Access Protocol	CSMA/CA
Number of operation channel	2.412~2.462GHz (Canada, FCC) / 11 Channels
	2.412~2.484GHz (Japan, TELEC) / 14 Channels
	2.412~2.472GHz (Euro, ETSI) / 13 Channels
Operation Mode	AP, AP Client(ad-hoc and infrastructure)
	Client
	Bridge (point-to-pint and point-to-multipoint)
	WDS(WirelessDescription System)
Security	64/128bit WEP
	WPA(TKIP with IEEE 802.1x)
	WPA2(AES with IEEE 802.1x)
RF Output Power(Typical)	802.11g: up to 24 ± 1 dBm
	802.11b: up to 28 ± 1 dBm
Sensitivity	-68dBm @ 802.11g
	-80dBm @ 802.11b
Antenna	One detachable 5dbi antenna(SMAconnector)
Dimension (mm)	165(L) x 118(W) x 27(H) (not including antenna)
Weight	245g
Operation Temperature	0°C ~ 55°C ambient temperature
Storage Temperature	-20% ~ 70% ambient temperature
Humidity	10% ~ 90% (Non-condensing)
Connector	One antenna connector
	One RJ-45 port for WAN
	Four RJ-45 LAN ports
	Reset to default button
	Power jack
Power requirement	12V/1A



Also We have as following specification of AP Router

PN	Description	Output	Antenna	Note
FD-8048P14BG00AR	PoE 48V, 800mW,1W,4Lan	b/g 28/24dBm	5dBi SMA	FCC, CE
FD-1009014BG00AR	Normal Power 9V,1W,4Lan	b/g 17/14dBm	2dBi	FCC, CE
PB-8048P14BG00AR	PoE 48V, 800mW,1W,4Lan	b/g 28/24dBm	Non	PCBA
PB-1012P14BG00AR	Normal Power 9V,1W,4Lan	b/g 17/14dBm	Non	PCBA



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