



# High Power 11 b/g Outdoor CPE

## FD-8012P14BG00CP



### 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
- **Power Over Ethernet support**
- **Weather proof case against rugged environment**



SPECIFICATIONS

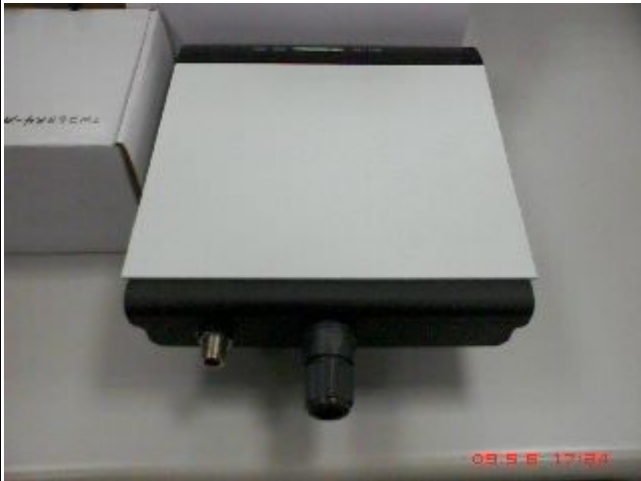
Standard	IEEE 802.11g/b
Frequency Band	2.400GHz ~ 2.484GHz
Radio type	IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK)
	IEEE 802.11b: DSSS(CCK/DQPSK/DBPSK)
Data Rate	802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps
	802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back
Access Protocol	CSMA/CA
Number of operation 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	14 dBi Patch antenna
Dimension (mm)	
Weight	800g
Operation Temperature	-20°C ~ 80°C ambient temperature
Storage Temperature	-30°C ~ 80°C ambient temperature
Humidity	10% ~ 90% (Non-condensing)
Connector	One antenna connector N Type
	One RJ-45 port for LAN with POE



	Reset to default button
Power requirement	12V/1A
LED	WAN, LAN, POWER
Mounting	Wall mount
	Hose clamp
Enclosure	Weather Proof Enclosure
Radome Material	ABS+ Anti UV

Also We have as following specification of AP Router

PN	Description	Output	Antenna	Note
FD-8048P01BG00CP	PoE 48V, 800mW, 1Lan	b/g 28/24dBm	14dBi Patch	FCC
FD-2012P14BG00CP	PoE 12V, 200mW, 1W, 4Lan	b/g 21/16dBm	14dBi Patch	FCC, CE
FD-5005U01BGU0CP	USB 2.0, 500mW,	b/g 28/24dBm	14dBi Patch	FCC, CE
FD-8048P01BG00CA	PoE 48V, 800mW, 1Lan	b/g 28/24dBm	N Type Conn	FCC
FD-8012P14BG00CA	PoE 12V, 800mW, 1W, 4Lan	b/g 28/24dBm	N Type Conn	FCC
FD-2012P14BG00CA	PoE 12V, 200mW, 1W, 4Lan	b/g 21/16dBm	N Type Conn	FCC, CE



**Outdoor AP**

**IP65 weather proof RJ45 connector**

**N type Connect to Antenna**

**Suit for**

**Omni directional Antenna**

**Panel directional Antenna**

**Sector Antenna**

**FD-8048P01BG00CA**

**FD-8012P14BG00CA**

**FD-2012P14BG00CA**