

# Wireless Connectivity

wireless access point plus  
gateway router

**Cardea**

**wireless access point  
gateway router with 4 LAN ports.**

- Wireless AP (802.11b)
- Support PPPoE, PPTP client, DDNS, DHCP
- For broadband connection, Cable modem, ADSL
- Firewall features
- Configurable through any networked PC's web browser
- Simultaneously act as either a DHCP server on the LAN environment or a DHCP client on WAN environment
- Virtual server configuration
- User access management



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gateway router



- ① Antenna
- ② 4 Port Hub (LAN)
- ③ WAN Port
- ④ Power Jack
- ⑤ Reset Button

## Product Specification

<b>Standards</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
<b>Protocols</b>	CSMA/CD, PPPoE, PPP, PPPTP client, ARP, DHCP Client and Server, TCP/IP, UDP, ICMP, DNS proxy, DDNS
<b>Ports</b>	4x 10/100 Mbps LAN ports 1x 10/100 Mbps WAN port
<b>Memory</b>	Main Memory: 4MB, Flash Memory: 2MB
<b>Connectors</b>	RJ-45 connector
<b>Speed</b>	WAN Router: 10/100 Mbps (half duplex) 20/200 Mbps (full duplex) LAN Switch: 10/100 Mbps (half duplex) 20/100 Mbps (full duplex) Wireless: 11 Mbps, 5.5 Mbps, 1 Mbps
<b>Cabling Requirements</b>	10BaseT: UTP/STP Category 3 or 5 100BaseTX: UTP/STP Category 5
<b>Topology</b>	Star
<b>LEDs</b>	Power on, Wireless link, LINK/Act, FDX/COL, 100/10 per port
<b>NAT</b>	Translate private IP to public IP
<b>Multiple DMZ</b>	Support multiple public IP translate to private IP
<b>Virtual Server</b>	Provide public services on the network
<b>Firewall</b>	IPSec, PPTP, L2TP pass through, Hacker Attack Prevention
<b>Management</b>	Web-based configuration
<b>Wireless Freq. Band</b>	2.400GHz~2.4835GHz (subject to local regulation)
<b>Data Security</b>	64/128bit WEP
<b>Transmission Power Output</b>	14 dBm at nominal Temp Range
<b>Transmission Range</b>	Outdoor: 100~300m Indoor: 30~100m
<b>Antenna</b>	Dipole Antenna
<b>Channel</b>	11 channels (US, Canada) 13 channels (European countries) 4 channels (France) 14 channels (Japan)

## Environment Information

<b>Dimension</b>	141x100x27mm (Lx Wx H)
<b>Weight</b>	490g
<b>Power</b>	DC 9V/800mA
<b>AC adaptor</b>	AC 100V (50/60Hz), DC1.0~DC12V
<b>Operating Temperature</b>	0°C to 50°C (32F~122F)
<b>Storage Temperature</b>	-40°C to 70°C (-40F~158F)
<b>Operating Humidity</b>	20% to 95% relative humidity, non condensing
<b>Storage Humidity</b>	20 to 95% relative humidity, non condensing

## Standard Conformance

<b>EMC Certification</b>	FCC Class B, CE
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