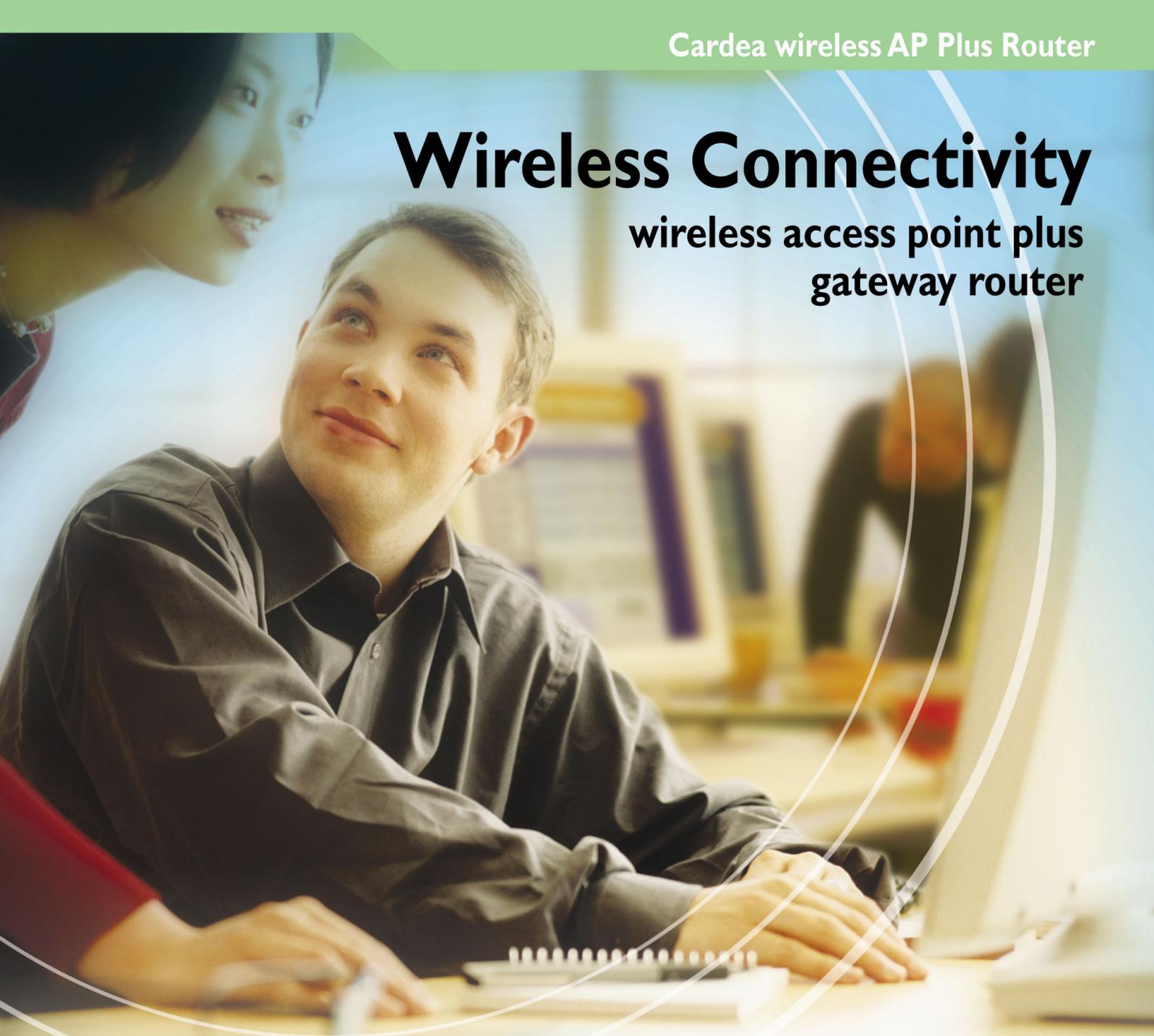


# Wireless Connectivity

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



# Wireless Connectivity

wireless access point plus 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<br>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)<br>20/200 Mbps (full duplex)<br>LAN Switch: 10/100 Mbps (half duplex)<br>20/100 Mbps (full duplex)<br>Wireless: 11 Mbps, 5.5 Mbps, 1 Mbps |
| <b>Cabling Requirements</b>      | 10BaseT: UTP/STP Category 3 or 5<br>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<br>Indoor: 30~100m  |
| <b>Antenna</b>                   | Dipole Antenna  |
| <b>Channel</b>                   | 11 channels (US, Canada)<br>13 channels (European countries)<br>4 channels (France)<br>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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\* All specifications are subject to change without notice.



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