

# WAP-1001PD

WAP-1001PD, produced by BDCOM, is a hi-rate and hi-performance wireless AP access device with a rate of 802.11 b/g. It can transmit the bandwidth data with a transmission rate of 54Mbps, enabling you to surf on the Internet conveniently and rapidly. It is widely used at network environments in residential buildings and commercial areas. WAP-1001PD has the attributes of PoE, that is, it can realize PoE in case that there is no DC power supply. Hence, it is an optical solution for users who require hi-speed wireless Internet access or who do online business.



## *Application Scope*

- Apartment, hotel, building, warehouse
- Enterprise, office
- Interactive TV
- IP telephone
- Hi-rate bandwidth sharing
- Broadband Ethernet access
- Audio/video data transmission
- PC file and program sharing
- Internet and online game

## *Main Characteristics*

- Supporting IEEE802.11 b/g
- Supporting bridging and routing
- Supporting WDS wireless distribution system
- Remote PoE technology and supporting data transmission and power supply on the same Ethernet cable
- MAC address access control and realizing the blacklist and the white list
- Powerful wireless security mechanism including multiple wireless security protections such as WEP, WPA and WPA2

- VPN traversal of the L2TP/PPTP/IPSec tunnel
- Simple configuration enables wireless users to automatically access AP through easy pre-configuration synchronization.
- DHCP client/server
- Supporting the static IP address, the dynamic DHCP address and the PPPoE IP address
- Supporting filtration based on port, IP, MAC and URL
- Supporting DMZ
- Supporting DDoS
- Supporting hardware upgrade through HTTP page
- Supporting local log access and remote log-server access

***Technology Indexes***

| Product                | <b>WAP-1001PD</b>  |
|------------------------|--|
| Standard configuration | <ul style="list-style-type: none"> <li>● One 10/100M Ethernet interface</li> <li>● Remote IEEE802.3af PoE</li> </ul> |
| Wireless attributes    | ● Complying with IEEE 802.11 b/g   |
|                        | ● Supporting 64/128-bit WEP, WPA, and WPA2, 802.1x   |
|                        | ● Supporting SSID coverage   |
|                        | ● Supporting general forwarding modes  |
|                        | ● Supporting WDS wireless distribution system  |
|                        | ● Supporting SSID coverage   |
|                        | ● Wireless frequency scope: 2.4-2.4835GHz  |
|                        | ● Wireless signal rate: 54, 48, 36, 24, 18, 12, 9, 6 Mb/s for 802.11g; 11, 5.5, 2, 1 Mb/s for 802.11b;               |
|                        | ● Transmission distance: 300 meters (outdoor), 100 meters (indoor)   |
| Network attributes     | ● Supporting 802.1d spanning tree  |
|                        | ● Supporting DHCP server/client  |
|                        | ● Supporting DDNS  |

|                      |  |
|----------------------|--|
|                      | <ul style="list-style-type: none"> <li>● Service control based on Ethernet interface</li> </ul>  |
|                      | <ul style="list-style-type: none"> <li>● Preventing DoS attacks, such as SYN flooding, IP surfing, ping of Death, IP teardrop, IP land, UDP bomb and TCP scan</li> </ul> |
|                      | <ul style="list-style-type: none"> <li>● Supporting filtration based on port, IP, MAC and URL</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Supporting the forwarding control based on the TCP/UDP interface</li> </ul>   |
| Management           | <ul style="list-style-type: none"> <li>● Making statistics of packet transmission</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Supporting NTP and local time settings</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Supporting MAC cloning</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Supporting hardware upgrade through HTTP page</li> </ul>  |
|                      | <ul style="list-style-type: none"> <li>● Supporting the upgraded version of the remote software</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Supporting local log access and remote log-server access</li> </ul>   |
| Working Environments | <ul style="list-style-type: none"> <li>● Working temperature: -10°C to 55°C</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Storage temperature: -20°C to 70°C</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Working humidity 10%-95% no condensation</li> </ul>   |
|                      | <ul style="list-style-type: none"> <li>● Storage humidity: 5%-95% no condensation</li> </ul>   |

The functions and corresponding parameters may change in light of the upgrade of software, modular, etc. The right of final interpretation belongs to BDCOM. For more information, please contact us.

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