

WAP300 Series Outdoor Wireless AP Datasheet



>>| Product Introduction

PRODUCT BRIEF

WAP300 is the license-free, the most handy outdoor digital wireless internet access device. It complies with IEEE 802.11b/g/n for the data rate up to 150Mbps. With the setup wizard that simply the device configuration and get the device up and running just a minute. The device can be set up as connect on demand; discount with idle timer setting, as such helpful feature can achieve usage control with minimal cost payment to the ISP.

To enhance the device security and privacy, the WAP300 can hide the SSID, and being protected by different wireless security features such as WPA (Wi-Fi Protected Access), WPA2 (with Advanced Encryption Standard encryption), 64-bit / 128-bit WEP (Wired Equivalent Privacy). It also provides sophisticated IP features, such as DHCP server, firewall, packet and URL filtering. The system management control can be achieved locally and remotely via the user friendly web page. The WAP300 is the most cost-effective, high speed and high reliable solution for the remote internet access.

HIGHLIGHTS

Cost effective and high performance solution for LOS and NLOS

Simplify set up procedures with wizard guiding

2.4GHz 802.11b/g/n standard

Total 13 working channels

High-speed wireless internet access up to 150 Mbps

Transmit power adjustable

User define usage control

Wireless security with WEP, WPA, AES and TKIP

Supports PPPoE, DHCP and static IP address assignment

Security feature with SSID hidden, firewall, packet and URL filtering

>>| Application

- Long Range Backhaul
- Links Between Cellular Towers
- High bandwidth Last Mile Access
- Extend your Wireless or Wired LAN
- Video Surveillance Backhaul
- Leased Line Redundancy
- WiFi Client CPE

>>| BENEFIT

- Rapid Deployment
- Flexible Deployment
- Reduced Cost
- High Performance and Reliability
- Quick Return on Investment
- Remote Video and Media Servers

>>| Specification

HARDWARE SPECIFICATIONS	
WLAN Standard	IEEE802.11 b/g/n
Interface	10/100Mbps auto sense
Connector	RJ45
Antenna Gain	14dBi
Frequency Range	2400 ~ 2500 MHz
Antenna Impedance	50 ohms
Antenna Polarization	Vertical
VSWR	≤1.5

PoE	12Vdc / 24Vdc
Power Input	110Vac / 220Vac
Consumption	10 Watts
Working Temperature Range	-10 ~ +55 oC
Storage Temperature Range	-20 ~ +70 oC
Relative Humidity	5 ~ 95 % (non-condensing)
Dimension (L x w x H)	180 x 63 x 330 mm
SOFTWARE SPECIFICATIONS	
WLAN Connection	Auto or manual search Auto login Auto disconnect
IP Address Assignment	Static DHCP PPPoE
WLAN Security	SSID hidden WEP64/WEP128/WPA/WPA2/TKIP/AES MAC address binding
Firewall	DMZ MAC / IP address / IP port filter URL filter
Management	Multilingual menu page (English / Chinese) User name / Password Network time setting Software upgrade Factory default setting Device restart System log
System Logging	Software / hardware version Network information Network status WAN network information
Others	

Warranty	1 Year
Package Contents	1 x Outdoor Wireless Subscriber Unit with integrated 10dBi panel antenna 1 x POE Power Injector 1 x AC Power Supply 1 x Bridge Mounting Bracket
Model	
WAP300	Wireless AP, 10dBi

>>| Typical Diagram for WAP300 Series Wireless AP



