

802.11g Wireless LAN Outdoor CPE AP/Router



PLANET Technology provides an outdoor wireless solution with higher coverage and stronger functions- the wireless LAN outdoor CPE AP/Router, WAP-6200. It is compatible with IEEE 802.11b/g, offering the data rate up to 54 Mbps. With the built-in 14dBi patch antenna and the default 200 mW transmit output power, the WAP-6200 is quite suitable for wireless LAN applications in widely open spaces.

The main difference from the previous product, WAP-6100, is that the WAP-6200 offers WISP mode which enables CPE users easily connect to Internet via WISP provider or connect to wired network. The WAP-6200 also supports routing function and wireless multiple modes: AP, client, WDS, AP+WDS, and repeater to versatile solutions in a wide range of wireless scenarios. Besides 64/128 WEP encryption, it integrates WPA, WPA-PSK and 802.1x Authority to secure and protect your wireless LAN. Moreover, the MAC/IP filter function provided helps restrict illegal accessing to your local network.

The WAP-6200 is designed to install in outdoor environments, or the exposed locations under the rigorous weather conditions including heavy rain and wind. Designed with PoE (Power over Ethernet) function, the WAP-6200 allows you to install the device in the areas where power outlets are not readily available. .With web-based interface, the WAP-6200 is easy to be managed and configured. The best application of WAP-6200 is to build outdoor wireless access network between building and building of campus, business or rural areas...etc.

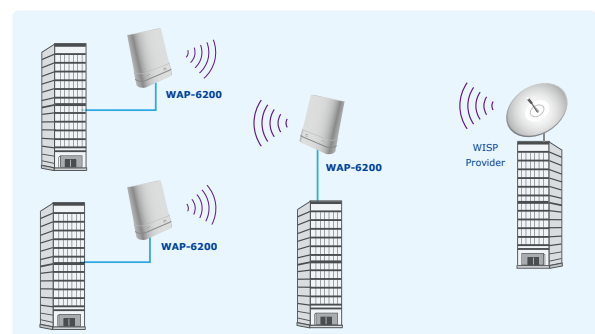
KEY FEATURES

- IEEE 802.11b/g Dual Standards Compatible
- Provides protection against rigorous weather conditions
- Default 200mW output power, 5 levels of adjustable transmit power control
- Power over Ethernet design
- Built-in 14dBi patch Antenna
- Multiple Wireless Access Modes: AP, Client, WDS, AP+WDS, Repeater
- Two Operating Modes: Gateway, Bridge, WISP
- Supports SPI Firewall, QoS functions
- MAC/IP/URL filtering
- Supports WEP, WPA, WPA2, 802.1x Authentication
- Web base configuration

APPLICATIONS

Higher coverage & long distance between LAN connections

The WAP-6200 is a cost-effective outdoor wireless solution for wireless LAN applications in widely open spaces. With the built-in 14 dBi patch Antenna and default 200mW output power, it provides wider coverage and long distance wireless connection, and also allows CPE users easily to install and adjust the suitable value in appropriate locations. The WISP mode enables CPE users connect to Internet via local WISP provider. The WAP-6200 offers routing capability as well.



SPECIFICATION

Product	802.11g Wireless LAN Outdoor CPE AP/Router	
Model	WAP-6200	
Standard	IEEE 802.11b, 802.11g	
Signal Type & Modulation	OFDM with BPSK, QPSK, 16QAM, 64QAM, DBPSK, DQPSK, CCK	
Port	LAN * 1; WAN *1	
Antenna	Built-in 14dBi patch antenna H-plane: 30 degree E-plane: 30 degree 26±1dBm@11b	
Output Power	19±1dBm@11g 5 levels adjustable (100%, 50%, 25%, 10%, 5%)	
Sensitivity	802.11b: -80 dBm@8%PER 802.11g: -68 dBm@8%PER	
System Operating mode	Gateway, Bridge, WISP(NAT Router)	
Wireless Access Mode	AP, Client, WDS, AP+WDS, Repeater	
Security	WEP setting – Authentication mode: Enterprise(RADIUS)/Personal(PSK) – Shared keys input type: HEX / ASCII – Shared keys length: (64-bit, 128-bit) – Default WEP Key to use (1-4) WPA (TKIP) setting – Authentication mode: Enterprise(RADIUS)/Personal(PSK) – PassPhrase / Hex(64 characters) WPA 2(AES) setting – Authentication mode: Enterprise(RADIUS)/Personal(PSK) – PassPhrase / Hex(64 characters) 802.1x Authentication setting	
Data Rate	802.11g	54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps
	802.11b	11Mbps, 5.5Mbps, 2Mbps, 1Mbps

ORDERING INFORMATION

WAP-6200	802.11g Wireless LAN Outdoor CPE AP/Router (W/14dBi flat-panel antenna)
CB-STP-25	25 Meters STP Cat5 Cable
ELA-100	Ethernet Lightning Arrest Box