



Outdoor CPE

2.4GHz 300Mbps 1Km



WP201



Introduction:

WP201 is an economic outdoor CPE/AP with 300Mbps Data rate. Comply with IEEE 802.11b/g/n standard, build in 10dBi panel antenna, the transmit/receive wireless distance more than 1000 meters.

It supports Router, Universal Repeater, WISP, AP and Repeater Mode, effective solution for PTP, PTMP application and outdoor long range WIFI coverage application.

WP201 with ABS waterproof, dust-proof and sunscreen shell, temperature adaptive and board protective, Meantime, it supports 24V passive POE, easy in setup even no power socket nearby, ideal for outdoor use;

Besides that, WP201 with digital display, easy to be pairing, simple configuration, make this device is widely used in CCTV, Village long range data transmit, Park, Squares...

Product Features:

※ Very cost-effective hardware configuration

Industrial grade circuit design, 8MB Flash/64MB SDRAM, support IEEE802.11b/g/n protocol, can provide 300Mbps wireless access speed, excellent anti-high and low temperature design, enhance the user experience in extreme environment.

※ 10dBi High Gain Antenna, Long Range Wi-Fi Device in market

WP201 with 10dBi high gain antenna, the Wi-Fi range is more than 1000 meters, it is the device with very stable performance in long range, but competitive in price.

※ Support Power over Ethernet, Cost Save

The device has integrated Power over Ethernet (PoE) for easy installation and lower cost, with 24V PoE, it can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure.

※ Stylish compact, simple and flexible installation

Stylish appearance, supports the wall/pole fixed installation mode, flexible installation, greatly reduces the construction difficulty and improves the construction efficiency without affecting the original design.

※ IP66 dust-proof and waterproof, suitable for a variety of harsh environments

The enclosure is IP66 rated for outdoor dust, water and sun protection. It can work normally in extreme environments as low as -30 °C up to 65 °C. It can easily adapt to the harsh outdoor environment and ensure stable operation of the network for 24 hours.

Technical Datasheet

Model	WP201
Hardware Specifications	
Interface	LAN PoE 10/100Mbps RJ45
Button	1*Reset Button, Long press to reset, short press to adjust digital display number
Power Consumption	<12W
Power Supply	POE: 24V 0.5A, DC: 12V 1A
working environment	Temperature: -40℃~+75℃(operating), -40℃ ~+80℃(storage) Humidity(no-condensing): 5%~90% (operating) , 5%~95% (storage)
Size	172*90*44(mm)
Weight	0.5KG
Toggle switch	Define product AP Mode and Repeater Mode
Radio frequency Feature	
Frequency Range	ISM band: 2.400 ~ 2.4835 GHz
Channel	2G:1、2、3、4、5、6、7、8、9、10、11、12、13
Modulation method	OFDM = BPSK, QPSK,16-QAM,64-QAM; DSSS = DBPSK, DQPSK, CCK
Output power	2.4G: 11n @MCS0~2/MCS8~10:27±1dBm @MCS7/MCS15:23±1dBm 11g @6~24M:27±1dBm @54M:23±1dBm 11b @1~11M:27±1dBm
EVM	802.11n: ≤-29 dB 802.11g: ≤-26 dB802.11b
Frequency offset	±20ppm
Software Feature	
Working Mode	Router, Universal Repeater, WISP, AP and Repeater
Users	32
Network	Controller address /DHCP/ static IP
System	Restore factory/system restart

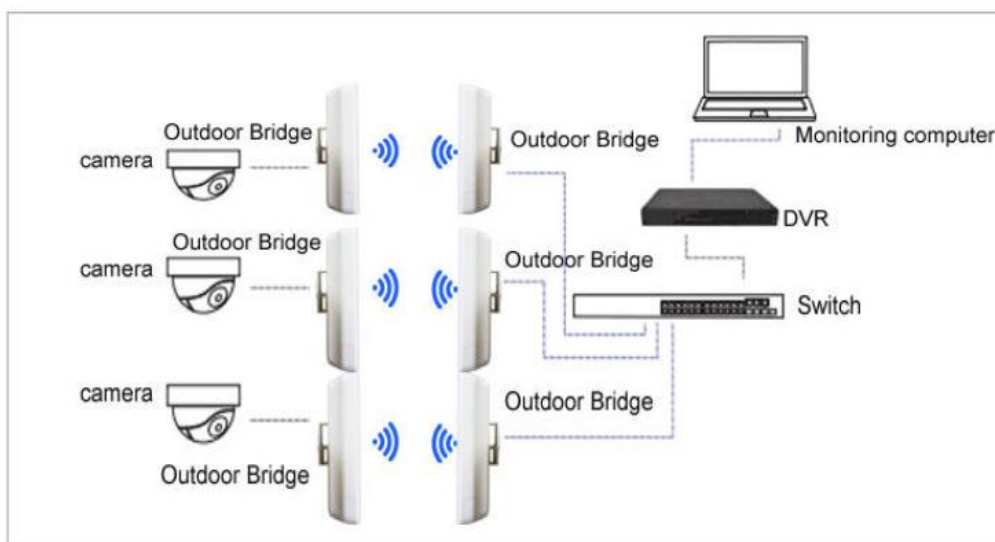
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Structure Diagrams



Applications



Ordering Information

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