

5.8GHz Long Range Outdoor Bridge CPE

Model: FF-W5



FF-W5 is a high power high performance 5.8G 11a/n 300Mbps wireless outdoor bridge CPE. It adopts Qualcomm AR9344 chipset, external PA and directional 14dBi high gain antenna, it supports a transmission distance up to 5KM. It is ideal to use for CCTV/IP camera data transmission for its stable wireless data transmission and performance.

Main Features:

- Complies with 5.8GHz IEEE802.11a/n standard, the Wi-Fi data rate is up to 300Mbps
- 200mW high RF power and high gain antenna design, up to 5 kilometers long distance transmission
- Low interference: Presently most of the wireless equipments are working at 2.4G frequency, and 5G frequency enable it to have a better anti-interference and stable performance
- Support 24V passive PoE power supply, which makes the networking construction convenient and cost saving
- IP65 durable weatherproof enclosure, ESD and surge protection design protects the access point against harsh outdoor conditions and provides stable wireless coverage
- Good compatibility and advanced anti adjacent channel interference ability; It can adjust to the optimum transmission speed automatically according to the actual signal strength and transmission distance.

Hardware Specification

CPU	Qualcomm AR9344
Standards Comply	IEEE802.11a/n, IEEE802.3u, IEEE 802.3x
DDR	64Mbyte
FLASH	8Mbyte
Power Supply	DC 12V, passive POE 24V
CPU Frequency	533MHz
Antenna	Internal 14dBi directional panel dual-polarization antenna (horizontal beam 60°, Vertical beam 25°)
Antenna type	2×2 (2Tx,2 Rx)
Ethernet Ports	2 10/100Mbps RJ45 LAN Ports
Reset Button	1x Reset button, Restore factory default settings
Firmware Upgrade	Through Web and TFTP
LED Indicator	LAN1, LAN2, WLAN, RSSI1, RSSI2, RSSI3
Data Transfer Rate	300Mbps
Transmission Type	DSSS
Modulation Type	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK
RF Frequency range	5.180 GHz ~ 5.850 GHz (Channel 36~165)
Power Consumption	≦ 9W at DC 12V input
RF Power	26.0 ± 2.0dBm
Product Size	201*78*56mm
Environmental Requirement	
Working Temperature	-20~+55°C
Working Humidity	10%~95% RH (non-condensation)
Storage Temperature	-80~+90°C
Storage Humidity	10%~95% RH (non-condensation)
Lightning Protection	Common mode 1.5KV, differential mode 1KV
Environmental Standards	RoHS Compliance