

CPE-5AC-23

867Mbps 5GHz Outdoor Wireless Bridge

Overview

CPE-5AC-23 is a 867Mbps outdoor wireless dish bridge based on 802.11a/n/ac technology. It is industry die-cast IP65 design with high performance, cost-effective and dedicated to long distance wireless network solutions. Featuring the revolutionary iPoll3 TDMA technology, CPE-5AC-23 is fully compatible with our wireless base station and CPE thus greatly improving the network scalability in throughput and latency. With 23dBi dish antenna, a pair of CPE-5AC-23 can easily build 10km+ long range wireless connection and keep a high speed rate. CPE-5AC-23 is best applied to rural wireless Internet, wireless back-haul and other industrial wireless solutions.

Ordering information



CPE-5AC-23

- 5GHz 11ac 867Mbps WiFi
- QCA9563 CPU + QCA9882
- 23dBi high-gain directional antenna
- Snap-lock design with good beam direction
- 24V Passive PoE

Main Features

Fast speed

CPE-5AC-23 256QAM and 160MHz bandwidth boosts WiFi speeds up to 867Mbps with Gigabit Ethernet port.

Innovative design

Wireless bridge CPE-5AC-23 is snap-lock design, since wireless data reflects in sector shape, snap-lock design can greatly improve beam direction, decrease latency and noise.

Ideal for long distance

23dBi high gain directional antenna and Qualcomm professional wireless module configured, wireless bridge CPE-5AC-23 could keep up to 10KM long distance wireless data transmission.

Easy to install for outdoor application

Supplied by 24V passive POE CPE-5AC-23 works well under harsh environment with robust design.

Hardware Specification

Wireless Standards	Wi-Fi 5: 5.8 GHz IEEE 802.11a/n/ac, iPoll 3
WiFi Rate	867Mbps
Antenna Gain	23dBi
Max EIRP	5 GHz 52dBm * EIRP may be limited by country regulations
SOC	Qualcomm QCA9563 + QCA9882
RAM	512Mb
FLASH	128Mb
Interface	1xGigabit Port
LED	1 Power Light 1 LAN Light 4 Signal Lights
Dimensions	348*266*254mm
Environment	Operating Temperature: -40°C ~ 65°C Storage Temperature: -45°C ~ 85°C Operating Humidity: 10% ~ 90%RH non-condensing Storage Humidity: 5% ~ 90%RH non-condensing
Protection Grade	15KV ESD Protection, 6KV Lightning Protection
Power Consumption	≤7W
Power Supply	24V PoE (24V PoE adapter included)
Button	Reset
Package Contents	1 CPE-5AC-23 1 User Guide 1 Warranty Card 1 CAT 5E

Software Specification

Wireless Security	WPA、WPA2 Encryption
Proprietary Protocol	TDMA Mode (Ipoll 3)
STA	STA statistics and status query support
Access Users Limit	Support
Client Mode	Support
Weak Signal Device Decline	Support
IP Address Set	Static Configuration
WDS	Support
PPC	Support
AP Mode	Support
Management	Centralized management & Web management
Software Upgrade	Support
Restart	Support
Factory Reset	Support

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