

## 2.4 GHz, 802.11 b/g/n, 150 mbps Outdoor CPE



### Outdoor PTP / CPE

- ▲ Upto 5 Kilometers Range
- ▲ Peak Bandwidth Delivery at ~70 Mbps without MIMO.
- ▲ Licensed and Unlicensed band options
- ▲ Wireless Bridges Pre-Integrated 14 dBi Panel Antennas
- ▲ Rain and Dust Proof IP67 rating enclosure
- ▲ Multiple Connection modes
- ▲ Frequency compatibility with leading outdoor AP vendors in CPE mode

#### PTP Connectivity Last Mile Connectivity Radio Information

Multiple Modes of operation – AP , Client, Bridge  
 Physical Data Rates up to 150 Mbps  
 Frequency Range – 2.412 ~ 2.484 MHZ .  
 Max Transmit Power for AP/CPE – 25 +/- 2dBm  
 Peak Receiver Sensitivity - -92 dBm  
 Real Outdoor Bandwidth Delivery at 2 km~  
 70Mbps without MIMO

#### Zero Touch Installation Software Information

Support QoS functionality  
 Supports both DHCP and Static IP  
 Supports WEP, WPA and WPA2 (Radius) Encryption.  
 Optional throttling of P2P traffic on CPEs  
 Optional De-Prioritization of P2P traffic on AP's  
 HW Watchdog.

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<b>Model Number</b>	<b>A24-CPE23-ANT14</b>					
CPU	Atheros					
Flash/RAM	4MB/32MB					
Interface	4 X RJ45 & 1 X Reset					
Output Power dBm	802.11b	1Mbps	23± 1.5	802.11g	6Mbps	23 ± 1.5
		2.2Mbps	23± 1.5		24Mbps	23 ± 1.5
		5.5Mbps	23± 1.5		36Mbps	23 ± 1.5
		11Mbps	23± 1.5		54Mbps	23 ± 1.5
	802.11n	MCS0	23 ± 1.5			
		MCS3	23 ± 1.5			
		MCS6	23 ± 1.5			
		MCS9	23 ± 1.5			
		MCS12	21 ± 1.5			
		MCS15	20 ± 1.5			
	Sensitivity, dB	802.11b	1Mbps	-95	802.11g	6Mbps
2.2Mbps			-94	24Mbps		-82
5.5Mbps			-92	36Mbps		-80
11Mbps			-90	54Mbps		-75
802.11n		MCS0	-91			
		MCS3	-83			
		MCS6	-74			
		MCS9	-89			
		MCS12	-80			
		MCS15	-72			
Operation Mode		AP	Client	WISP		WDS Bridge
Software	Site Survey, Bandwidth Control SNMP v1/v2 Support adjustable output power Distance Adjustment Radius (802.1x) client					
Antenna	14dbi-integrated with Enclosure tilting adjustment of 30 degree on each plane					
Power Supply	POE -12 Volts/1A					
Enclosure Details	IP 67, Dimension 220X200X50 mm With Pole, Tower and Wall Monting facility					

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