



EZStation5

All-in-One 5.8GHz 400mW Radio

With 12dBi Patch Antenna

(Optional) 19dBi Patch Antenna for Extended Coverage

EZStation5 is a high-performance Indoor/Outdoor Access Point with integrated PoE. Using Atheros-based Wireless radios, EZStation5 supports high-speed data transmission of up to 54Mbps or 108Mbps. EZStation5 is embedded with an integrated 5GHz 12dBi dual-polarization (vertical and horizontal) antenna. With optional 19dBi patch antenna, EZStation5 provides extended coverage for long range solution. The device is a powerful and yet easy to use and implement for wireless ISP.

Features

- Atheros eXtended Range technology
- 175MHz, 16MB SDRAM, 4MB Flash
- Support Power-over-Ethernet (PoE passive)
- Support 64/128-bit WEP, WPA, WPA2, IEEE 802.1x authentication
- Multiple SSID feature with VLAN segmentation
- Build in with Grounding Terminal
- Surge arrestor support
- Weatherproof casing

Antenna Specifications

12dBi Patch Antenna

Frequency Range:	5.45 - 5.850 MHz
Gain:	12 dBi
Polarization:	Vertical or Horizontal
AZ/EL Beamwidth:	18°/18°
Front to Back Ratio:	> 25 dB

19dBi Patch Antenna (Optional)

Frequency Range:	5.725 - 5.850 MHz
Gain:	19 dBi
Polarization:	Vertical or Horizontal
AZ/EL Beamwidth:	16°/16°
Front to Back Ratio:	> 25 dB
VSWR:	<1.5
Wind Load:	130 mph (210 km/h)
Size:	10.5" x 7.7" x 1.6"
Weight:	2.2 lbs
Mounting Kit:	Included: Pole Mount
Material:	ABS



Optional 19dBi Antenna



Item #: 11-732

Radio Specifications:

Processor	175MHz ADMtek5120
Memory Size	16MB SDRAM, 4MB Flash
Frequency Range	5.03 GHz - 5.85 GHz, 4.9GHz Public Safety Spectrum
Data Rate	802.11a (54, 48, 36, 24, 18, 12, 9, and 6Mbps)
Transmit Power	26dBm (+/-1.5dB)@6/9/12/18/24 Mbps 20dBm (+/-1.5dB)@54 Mbps
Receiver Sensitivity	-90 dBm ≤ 6Mbps, -70 dBm ≤ 54 Mbps
Operation Modes	Access Point/Client/RootAP/Transparent Client/Repeater/Wireless Adapter/Wireless Routing Client/Gateway
WAN Type	Static IP/Dynamic IP/PPPoE/PPPTP
Management	HTTP/HTTPS Web Server/SNMP V2c/Telnet/SSH
Data Capture & Notification	Event Login (Syslog)/Detailed Statistics per Client
Virtual Access Point	Up to 4 SSIDs with unique MAC Addresses (BSSID) 802.1q VLAN tag per AP with Bridging Configurable Security (WEP, WPA, WPA2, MAC filtering) per AP
Advanced Features	DHCP Server/DHCP Relay, Transmission Power Control, Closed System (Suppress SSID), Transmission Rate Control, Antenna Alignment
Bandwidth	Adjustable channel bandwidth, supports 5MHz, 10MHz, 20MHz spectrum
Routing	RIPv1/v2 in Routing Mode
Weight:	420 grams
Operating Temperature:	-20 degree C to 70 degree C
Dimension:	233 x 123 x 60 (mm)