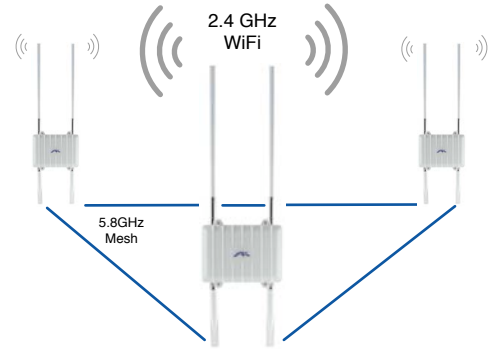


# AP-ONE

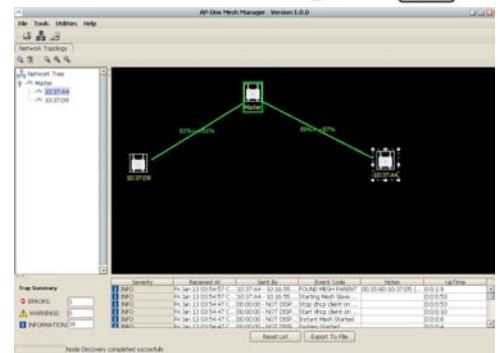
## Zero Configuration Mesh



Introducing AP-One, a revolutionary breakthrough in cost-effective mesh networking. Combining powerful dual-radio architecture, full featured software, and zero configuration mesh operation all at an unbeatable price.



SOFTWARE FEATURES	
<b>Security</b>	64/128-bit WEP, WPA, WPA2 802.1x radius support PPPoE support
<b>Routing</b>	Layer 2 and Layer 3 Quality of Service Bandwidth Management and Traffic Shaping Transparent Bridging Advanced Site Survey tools
<b>Hotzone</b>	NAT / DHCP Advanced Firewall Web redirect and customizable login page Walled Garden Mac Address Authentication UAM Authentication Advanced user registration reporting Radius Statistics
<b>Services</b>	SNMP Agent NTP Client HTTP Server SSH



### Simultaneous Dual-Radio Operation

2.4GHz PRIMARY		5.8 GHz SECONDARY	
<b>Receive Sensitivity</b>		<b>Receive Sensitivity</b>	
<b>Rate</b>	<b>Level</b>	<b>Rate</b>	<b>Level</b>
1 Mbps	-97 dBm, +/- 2dB	6 Mbps	-94 dBm, +/- 2dB
2 Mbps	-96 dBm, +/- 2dB	9 Mbps	-93 dBm, +/- 2dB
5.5 Mbps	-92 dBm, +/- 2dB	11 Mbps	-92 dBm, +/- 2dB
11 Mbps	-92 dBm, +/- 2dB	12 Mbps	-91 dBm, +/- 2dB
6 Mbps	-94 dBm, +/- 2dB	18 Mbps	-90 dBm, +/- 2dB
9 Mbps	-93 dBm, +/- 2dB	24 Mbps	-86 dBm, +/- 2dB
11 Mbps	-92 dBm, +/- 2dB	36 Mbps	-83 dBm, +/- 2dB
12 Mbps	-91 dBm, +/- 2dB	48 Mbps	-77 dBm, +/- 2dB
18 Mbps	-90 dBm, +/- 2dB	54 Mbps	-74 dBm, +/- 2dB
24 Mbps	-86 dBm, +/- 2dB		
36 Mbps	-83 dBm, +/- 2dB		
48 Mbps	-77 dBm, +/- 2dB		
54 Mbps	-74 dBm, +/- 2dB		
<b>Transmit Power</b>		<b>Transmit Power</b>	
<b>Rate</b>	<b>Power</b>	<b>Rate</b>	<b>Power</b>
1-24 Mbps	28 dBm, +/- 1dB	6-24 Mbps	28 dBm, +/- 1dB
36 Mbps	26 dBm, +/- 1dB	36 Mbps	26 dBm, +/- 1dB
48 Mbps	24 dBm, +/- 1dB	48 Mbps	24 dBm, +/- 1dB
54 Mbps	23 dBm, +/- 1dB	54 Mbps	23 dBm, +/- 1dB



**System**  
Processor: MIPS, 220MHz  
Memory: 32MB RAM / 8MB Flash

**Ports**  
(1) RJ 45  
(4) N-type Antenna

**Dimensions**  
(1) RJ 45  
(4) N-type Antenna

**Environment Specifications**  
-20 to +60 C\*  
Humidity up to 100%

\*Wider temperature range available if using optional cooling fan and thermostat/heater