

## RangerPro5

5GHz High Power Outdoor AP

### Technical Specifications

System Information

Radio Information

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### System Information

<b>Processor</b>	184MHz MIPS 4Kc	
<b>Memory</b>	32MByte, 16-bit SDRAM	
<b>Flash</b>	8MByte	
<b>Kernel</b>	Linux 2.6.21	
<b>Driver</b>	Atheros Madwifi	
<b>Interface</b>	Wireless: IEEE 802.11a	Ethernet: 1 x 10/100 Base T Port
<b>Watch Dog Timer</b>	Yes	

### Radio Information

<b>Radio Chip</b>	AR5112	
<b>Mode Support</b>	AP, Client, CPE Router, Repeater, Bridge, Multi Bridge	
<b>Data Rate</b>	802.11a 108/ 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6Mbps	
<b>Modulation</b>	BPSK, QPSK, CCK and OFDM	
<b>Channel Bandwidth</b>	20M, Turbo Mode	
<b>Frequency Range</b>	IEEE 802.11 a USA: 5180 ~ 5350/ 5725 ~ 5825MHz ETSI: 5180 ~ 5350/ 5470 ~ 5725MHz Japan: 5180 ~ 5250MHz	
<b>Antenna</b>	16dBi Patch Antenna	
<b>RF Output Power (Not including Antenna)</b>	802.11a	22±1.5dBm @ 6Mbps 18±1.5dBm @ 54Mbps
<b>Receiver Sensitivity (Not including Antenna)</b>	802.11a	-87±1.5dBm @ 6Mbps -85±1.5dBm @ 9Mbps -82±1.5dBm @ 12Mbps -81±1.5dBm @ 18Mbps -80±1.5dBm @ 24Mbps -78±1.5dBm @ 36Mbps -71±1.5dBm @ 48Mbps -66±1.5dBm @ 54Mbps

## Software Information

<b>Wireless</b>	<ul style="list-style-type: none"><li>● Support AP/ Client/ CPE Router/ Bridge/ Multi Bridge mode</li><li>● Support Site survey function</li><li>● Support Lock BSSID function</li><li>● Support WMM (802.11e QoS) function</li><li>● Support Isolate function</li><li>● Support Tx Power adjust function</li><li>● Support Long Distance adjust function</li><li>● Support PPPoE for WISP(CPE Router mode only)</li><li>● Support Antenna select</li></ul>
<b>Ethernet</b>	<ul style="list-style-type: none"><li>● Support DHCP Client/ DHCP Server/ Static IP</li><li>● Support IP Alias</li></ul>
<b>Security</b>	<ul style="list-style-type: none"><li>● Support WEP/ WPA/ WPA2 wireless Encryption</li><li>● Support MAC Filter</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>● Support NTP function</li><li>● Support SNMP function</li><li>● Support Bandwidth Control function</li><li>● Support Country Code Select</li><li>● Support load factory default</li><li>● Support backup and restore UI settings</li><li>● Support Firmware Upgrade</li></ul>

## Power & Environmental Information

<b>PoE</b>	Passive PoE (12 VDC) input
<b>Power Consumption</b>	6W
<b>Operation Temperature</b>	-30°C to +80°C
<b>Humidity</b>	95% @ 55°C
<b>Dimension</b>	235 mm(W) x 235 mm(L) x 65 mm(H)
<b>Waterproof</b>	IP67