



RangerPro2

2.4GHz High Power Outdoor AP

Technical Specifications

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System Information

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

Radio Information

Radio Chip	AR2112			
Mode Support	AP, Client, CPE Router, Repeater, Bridge, Multi Bridge			
Data Rate	802.11g 108/ 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6Mbps 802.11b 11/5.5/2/1 Mbps			
Modulation	BPSK, QPSK, CCK and OFDM			
Channel Bandwidth	20M, Turbo Mode			
Frequency Range	IEEE 802.11 b/g USA: 2412 ~ 2462 MHz ETSI: 2412 ~ 2472 MHz Japan: 2412 ~ 2483 MHz			
Antenna	14dBi Patch Antenna			
RF Output Power (Not including Antenna)	802.11g	24±1.5dBm @ 6Mbps 20±1.5dBm @ 54Mbps	802.11b	25±1.5dBm @ 1Mbps 25±1.5dBm @ 11Mbps
Receiver Sensitivity (Not including Antenna)	802.11g	-90±1.5dBm @ 6Mbps -88±1.5dBm @ 9Mbps -83±1.5dBm @ 12Mbps -80±1.5dBm @ 18Mbps -78±1.5dBm @ 24Mbps -76±1.5dBm @ 36Mbps -73±1.5dBm @ 48Mbps -72±1.5dBm @ 54Mbps	802.11b	-98±1.5dBm @ 1Mbps -95±1.5dBm @ 2Mbps -92±1.5dBm @ 5.5Mbps -90±1.5dBm @ 11Mbps

Software Information

Wireless	<ul style="list-style-type: none">● Support AP/ Client/ CPE Router/ Bridge/ Multi Bridge mode● Support site survey function● Support lock BSSID function● Support WMM (802.11e QoS) function● Support Isolation function● Support Tx Power adjustment function● Support long distance adjustment function● Support PPPoE for WISP(CPE router mode only)● Support antenna selection
Ethernet	<ul style="list-style-type: none">● Support DHCP Client/ DHCP Server/ Static IP● Support IP Alias
Security	<ul style="list-style-type: none">● Support WEP/ WPA/ WPA2 wireless Encryption● Support MAC filtering
Management	<ul style="list-style-type: none">● Support NTP function● Support SNMP function● Support bandwidth control function● Support country code Selection● Support load factory default● Support backup and restore UI settings● Support firmware upgrade

Power & Environmental Information

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