

RangerPro9

2.4 / 5GHz High Power Outdoor AP

Technical Specifications

System Information

Radio Information

Software Information

Power and Environmental Information



System Information

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

Radio Information

Radio Chip	AR5112A			
Mode Support	AP, Client, CPE Router, Repeater, Bridge, Multi Bridge			
Data Rate	802.11a/g 108/ 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6Mbps			
Modulation	BPSK, QPSK, CCK and OFDM			
Channel Bandwidth	20M, Turbo Mode			
Frequency Range	IEEE 802.11 b/g		IEEE 802.11 a	
	USA: 2412 to 2462 MHz		USA: 5180 ~ 5350/ 5725 ~ 5825MHz	
	ETSI: 2412 to 2472 MHz		ETSI: 5180 ~ 5350/ 5470 ~ 5725MHz	
	Japan: 2412 to 2483 MHz		Japan: 5180 ~ 5250MHz	
Antenna type	N-type (JWAO602/603), built-in16dBi Patch Antenna (JWAO603)			
RF Output Power (Not including Antenna)	802.11a	22±1.5dBm @ 6Mbps 18±1.5dBm @ 54Mbps	802.11b	25±1.5dBm @ 6Mbps 15±1.5dBm @ 54Mbps
	802.11g	25±1.5dBm @ 6Mbps 22±1.5dBm @ 54Mbps		
Receiver Sensitivity (Not including Antenna)	802.11ag	-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	802.11b	-90±1.5dBm @ 1Mbps -90±1.5dBm @ 2Mbps -86±1.5dBm @ 5.5Mbps -82±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 Isolate function● Support Tx Power adjust function● Support Long Distance adjust function● Support PPPoE for WISP(CPE Router mode only)● Support Antenna select
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 Filter
Management	<ul style="list-style-type: none">● Support NTP function● Support SNMP function● Support Bandwidth Control function● Support Country Code Select● 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