ESPECIFICACIONES BASE

Processor   Qualcomm Atheros Enterprise AR9350B 560MHz CPU, MIPS 74Kc

Memory   64MB DDR2 RAM, 8MB Flash

Interfaces   1 10/100Mbps Shielded Ethernet Port (LAN0/POE)

1 10/100Mbps Shielded Ethernet Port (LAN1)

2 RP-SMA

1 Grounding Terminal

1 Reset Button

Power Supply   Passive Power over Ethernet via LAN0 (+4,5pins; -7,8pins)

Voltage range: 16-27VDC

Dimensions (W X D X H) 198 x 74 x 40 mm

Protection   15KV ESD Protection

6KV Lightning Protection

Enclosure   Outdoor ASA stabilized plastic material

IP65 water and dust proof Certification

WIRELESS FEATURES

Wireless Standards   IEEE 802.11b/g/n

Proprietary Protocol   TDMA Mode (with Pharos MAXtream enabled)

Wireless Speeds   Up to 300Mbps (40MHz,Dynamic)

Up to 144.4Mbps (20MHz,Dynamic)

Up to 72.2Mbps (10MHz,Dynamic)

Up to 36.1Mbps (5MHz,Dynamic)

Frequency   2.4~2.483GHz

Note: Available operating frequency may vary depending on the limitation of the contries or regions in which the device is used.

Transmission Power   27dBm/500mW (Adjustable power by 1dBm)

Note: Maximum transmission power may vary across different channels depending on the limitations of the countries or regions in which the device is used.

SOFTWARE FEATURES

Operating Modes   AP / Client / Bridge /Repeater

AP Router Mode / AP Client Router(WISP Client) Mode

Network Configuration WAN: Static/Dynamic/PPPoE/L2TP/PPTP

LAN: Static/Dynamic/Dynamic/DHCP

Forwarding: DMZ/ALG/UPnP/Virtual Server/Port Trigger

Security: SPI Firewall/Ping Forbidden/VPN/DOS Protection

Access Control

Static Routing

Bandwidth Control

IP & MAC Binding

Wireless Configurations Pharos MAXtream TDMA Technology

802.11b/g/n Modes

Selectable Channel Width: 5/10/20/40MHz

Automatic Channel Selection

Transmission Power Control

Dynamic Frequency Selection (DFS)

WDS Enable/Disable

Security: WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) Encryption, 64/128/152-bit WEP Encryption

SSID Broadcast Enable/Disable

Multi-SSID with VLAN Tagging (AP mode only)

Distance/ACK Timeout Setting

Wireless MAC Address Filter

Wireless Advanced:

> Beacon Interval/RTS Threshold/Fragmentation Threshold/DTIM Interval/AP Isolation/

Short GI/Wi-Fi Multimedia

Management　　Discovery and Remote Management via Pharos Control application

HTTP/HTTPS Web-based management

System Log

SNMP Agent(v2c)

Ping Watch Dog

Dynamic DDNS

SSH Server

System Tools　　Wireless Signal Quality Indicators:

Signal Strength/Noise/Transmit CCQ/CPU/Memory

Monitors: Throughput/Stations/Interfaces/ARP/Routes/WAN/DHCP

Spectrum Analyzer

Speed Test

Ping

Traceroute

System-level Optimizations　　802.11b/g/n Tx beamforming technology

Optimized IGMP Snooping/Proxy for multicast applications

Hardware watch dog