High Power Wireless AP Router- 1 port switch , 800 mw(29dBm)
Model Name: AP-238HP (Support 802.3af PoE)

SPECIFICATION

Standard	IEEE 802.11b/g
Antenna	Omni Antenna (5 dBi)/Direction Antenna optional
Equipped	1 LAN port switch + 1 WAN port
Frequency Range	2.400GHz~2.4835GHz
Operating Frequency / Channel	·2.412~2.462GHz (Canada, FCC) / 11 Channaels
	·2.412~2.484GHz (Japan, TELEC) / 14 Channels
	·2.412~2.472GHz (Euro, ETSI) / 13 Channels
Modulation Technique	·Orthogonal frequency division multiplexing (OFDM)
	·Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
Security	64/128bit WEP, WPA, WPA2, 802.1x and 802.11i)
Media Access Protocol	CSMA/CA (Collision Avcidance) with ACK
Output Power	54M/48M/36M :24dbm max.
	24M/18M/12M :27dbm max.
	9M/6M :29dbm max.
	11M/5.5M/2M/1M :29dbm max.
Data Rate	·11g : 54, 48, 36, 24, 18, 12, 9 and 6Mbps with auto-rate fall back
	·11b : 11, 5.5, 2, and 1Mbps with auto-rate fall back
Sensitivity	·54Mbps: - 80dBm
	·11Mbps: - 90dBm
Power adapter	48VDC/ 0.4A for RJ45 connector, 12VDC/1A for DC jack
Working Mode	Ad-Hoc Infrastructure
Throughput	22Mbps@54Mbps: 5.5Mbps@11Mbps
Operating Temperature	0~55℃ ambient temperature
Storage Temperature	(-20)~70℃ ambient temperature
Humidity	5%~90%
Coverage Area	open space over 2500M /11Mbps by 5dBi omni Antenna
Operating System Support	Windows 98SE/ME/2000/XP/Vista, MAC OS 10.4.8 & Linux
Approval	FCC Part 15 & CE
Dimension of PCB	15 x 10 cm

FEATURES

·Support Gateway modes/Bridge modes
·Support 802.3af POE
·802.11b/g compliant
·WEP, WPA Encryption- 64/128bit (WEP), WPA TKIP
·Wireless users access control
☐Wireless sites survey
☐TCP/UDP/ICMP/ARP protocol stack
·Dynamic DNS
·WDS
·VPN Pass-through with multiple sessions
·Firewall, DoS, IP/Port/MAC Filtering
·Virtual DMZ
·DHCP Client and Server
·WAN access mode
·PPPoE PPTP
·DHCP Client
·Fixed IP Address
·UPnP
·Hi-Sensitivity (with LNA)
·WPS