

AIR 450 Series
Model : AIR 450 High Power Outdoor AP
AP/AP Client /WDS/Repeater/AP Router /AP Client Router in 802.11g and 802.11b mode
Full PoE (upto 100 Mtr.)
WEP, WPA ,WPA2 support
WDS Support
Radius ,SNMP ,Log Report ,Port forwarding ,IP forwarding ,IP filtering ,Mac filtering
Bandwidth Management ,QoS Certification : FCC,CE



General Specifications	
Standards	IEEE802.11g and IEEE802.11b
Radio Scheme	802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11b: DSSS (DPBSK, DQPSK, CCK)
Media Access Control	CSMA/CA with ACK
Software Features	
Security	64/128-bit WEP Encryption WPA (TKIP and/or AES) WPA2 (AES system) Password Protection MAC Filtering ,Port Filtering ,IP Filtering IP forwarding ,DMZ , VPN Hidden SSID Broadcast WAP for 802.1x and WPA-PSK WAP2/IEEE 802.11i
Operating Modes	Wireless Access Point AP Client (Ethernet to WLAN Bridge) WDS (Wireless Repeater,P-to-P,P-to-MP,Mesh Topology) Router Bridge (Transparent Bridge) AP Client with Routing function (WISP Mode)
Software Support	802.11f (IAPP) Wireless Client Isolation 802.1d with Spanning Tree Protocol DHCP Client and Server Web GUI Management Firmware Upgrade from Web UI Configuration Save and Reload from Web UI MAC Filtering MAC Clone Radius Authentication

Management	Bandwidth Management ,IP ToS VoIP – Friendly Q o S mechanism Log Report , SNMP Manageable
Radio Specifications	
Frequency Range	2.400~2.497 GHz ISM Band
Channels	13
Data Rate	802.11g : 54/48/36/24/12/9/6 Mbps 802.11b : 11/5.5/2/1 Mbps
Receiving Sensitivity	802.11g :-75 dBm +/- 2 dB @ 54 Mbps 802.11b :-84 dBm +/- 2 dB @ 11 Mbps
RF Output Power	802.11b : 250mW, 200mW, 150mW, 100Mw 802.11g : 50mW, 100mW (Adjustable)
Physical Specifications	
Power Supply	Power over Ethernet : +48VDC / 0.7A
Antenna port	N- type Connector
Antenna	Detachable External Antenna
LAN Port	1 x 10/100 LAN Port
Environmental Specifications	
Operating Temperature	-20°C ~ 70 °C
Humidity	10% to 90% (non-condensing)
Waterproof	High Standard watertight (IP 66/67) and weatherproof