Description:

THIS IS AN 300MBPS HIGH POWER OUTDOOR CPE/AP. COMPLY WITH IEEE 802.11B/G/N STANDARD,14DBI DUAL POLARIZED HIGH GAIN ANTENNA,HIGH POWER, THE TRANSMIT/RECEIVE WIRELESS DISTANCE MORE THAN 3000 METERS.

IT SUPPORT WIRELESS AP, GATEWAY, WISP, WIRELESS BRIDGE, WDS PASS THROUGH OPERATION MODE, EFFECTIVE SOLUTION FOR PTP, PTMP APPLICATION AND OUTDOOR LONG RANGE WIFI COVERAGE APPLICATION.

THIS AP WITH ABS WATERPROOF, DUSTPROOF AND SUNSCREEN SHELL, TEMPERATURE ADAPTIVE AND BOARD PROTECTIVE, MEANTIME, IT SUPPORT POWER OVER ETHERNET, SUPPORT PASSIVE POE, EASY IN SETUP EVEN NO POWER SOCKET NEARBY, IDEAL FOR OUTDOOR USE.

Website : www.atswireless.in

ATS WIRELESS SOLUTIONS

HARDWARE

Atheros Chipset

- 802.11N, 2T2R
- 300M MIMO Technology
- RAM 64MB DDR2
- Flash 16MB
- 2-10/100 Mbps RJ45 Port, support 12~24V PoE
- 1 Reset Button
- 1 DC Jack, 12V Power Supply
- 14dBi Panel Antenna
- POWER WIFI WAN LAN S1(GPIO9) S2(GPIO14) S3(GPIO11) S4(GPIO12)
- L 257mm , W: 87mm , H: 38 mm
- 12V(POE 24V)/ 1A;110V/220V
- Working: -20°C~70°C Storage: -40°C to 85°C

FIRMWARE:	
Operation Mode	Wireless AP, Gateway, WISP, Wireless Bridge
Standard	IEEE 802.3(Ethernet)
	IEEE 802.3u(Fast Ethernet)
	IEEE 802.11b/g/n(2.4G WLAN)
Wireless	Auto-Channel selection
	Distance Control (802.1x Ack timeout)
	BSSID
Security	WEP Encryption-64/128/152 bit
	WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
	WPA/WPA2 Enterprise (WPA-EAP using TKIP)

RF Data		
RF Data	802.11b/g/n: 2.4~2.4835GHz	
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM	
	DSSS = DBPSK, DQPSK, CCK	
Data Rate	300 Mbps	

Receive Sensitivity	802.11n(2.4GHz)	802.11g	802.11b
	-90dBm @ MCS0	- 90dBm @ 6Mbps	- 95dBm @ 1Mbps
	-72dBm @ MCS7	- 72dBm @ 54Mbps	- 90dBm @ 11Mbps
	-90dBm @ MCS8		
	-68dBm @ MCS15		
	802.11n(2.4GHz)(± 1.5dBm)	802.11g(± 1.5dBm)	802.11b(±1.5dBm)
	29dBm@ MCS0~2/MCS8~10	29dBm @ 6~24Mbps	29dBm @1~11Mbps
	29dBm @ MCS3/MCS11	28dBm @ 36Mbps	
	28dBm @ MCS4/MCS12	28dBm @ 48Mbps	
	28dBm @ MCS5/MCS13	26dBm @ 54Mbps	
	26dBm @ MCS6/MCS14		
	26dBm @ MCS7/MCS15		