

ATSW-1000i(5.8GHz CPE)



Description:

THIS IS AN 300MBPS HIGH POWER OUTDOOR CPE/AP. COMPLY WITH IEEE 802.11A/N STANDARD.,

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.



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ATS WIRELESS SOLUTIONS

SPECIFICATION

HARDWARE

Atheros Chipset

802.11N, 2T2R

300M MIMO Technology

RAM : 64MB RAM

Flash : 8MB

2-10/100 Mbps RJ45 Port,

1 Reset Button

Led: Lan, WLan,WAN,
signal Strength

Antenna : 14 dBi MiMo

Power : 12V 1A

PoE: 24V WAN+LAN

L 257mm , W: 87mm ,
H: 38 mm

Working: -20°C to 50°C

Storage: -10°C to 50°C

FIRMWARE:

Operation Mode	AP, Client, WISP, WDS Bridge					
Standard	IEEE 802.3(Ethernet)					
	IEEE 802.3u(Fast Ethernet)					
	IEEE 802.11a/n(5.8G WLAN)					
Wireless	Site Survey, adjustable output power					
	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	802.11 a/n: 300 Mbps					
	5.150 - 5.350 GHz, 5.725 - 5.825 GHz, 5.825 - 5.875 Ghz					
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM					
	DSSS = DBPSK, DQPSK, CCK					
Data Rate	Output Power		Receive Sensitivity			
	802.11a		802.11n		802.11a	802.11n
	6 Mbps	23 ± 2	MCS0	23 ± 2	6Mbps -92	MCS0 -94
	9Mbps	23 ± 2	MCS3	23 ± 2	9Mbps -89	MCS3 -87
	12Mbps	23 ± 2	MCS8	23 ± 2	12Mbps -86	MCS8 -93
	18Mbps	23 ± 2	MCS9	23 ± 2	18Mbps -83	MCS9 -91
			MCS12	22 ± 2	24Mbps -81	MCS12 -82
	24Mbps	23 ± 2	MCS15	21 ± 2	36Mbps -78	MCS15 -73
	36Mbps	22 ± 2			48Mbps -75	
	48Mbps	21 ± 2			54Mbps -73	
	54Mbps	21 ± 2				