

TZWF-5.8GHz(ATSW500i)



Description:

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

1-10/100 Mbps RJ45 Port,

1 Reset Button

Led: Lan, Wlan, signal
Strength

Antenna : 14 dBi MiMo

PoE: 15 Volt 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			