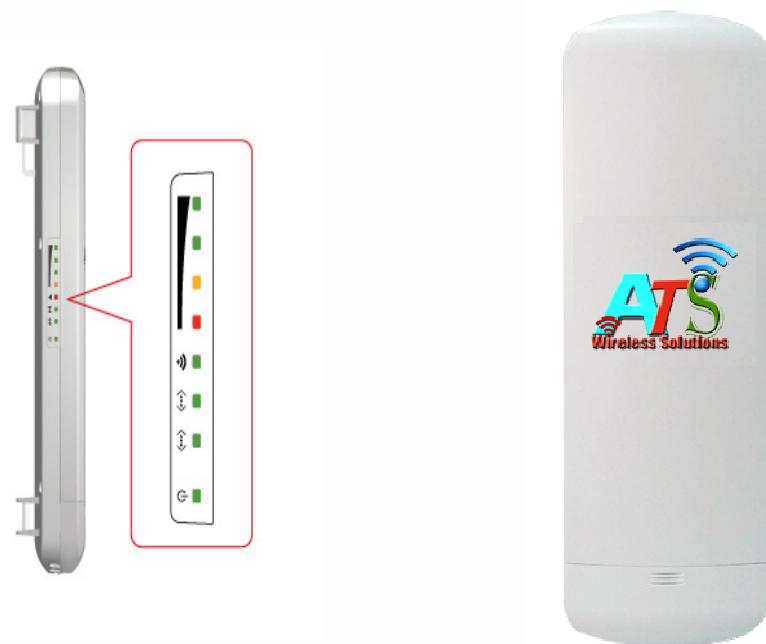




ATS WIRELESS SOLUTIONS

ATSW-1000i-AN



Description:

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



SPECIFICATION

HARDWARE

Atheros Chipset

802.11N, 2T2R

300M MIMO Technology

RAM : 32MB RAM

Flash : 8MB

2-10/100 Mbps RJ45 Port,

1 Reset Button

Led: Lan, WLan,WAN,
signal Strength

15dBi Integrated Antenna

Power : 24 V 1A

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

Working: -20°C~70°C

Storage: -40°C to 85°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	29 ± 2	MCS0 29 ± 2	6Mbps -92
	9Mbps	29 ± 2	MCS3 29 ± 2	9Mbps -89
	12Mbps	29 ± 2	MCS8 29 ± 2	12Mbps -86
	18Mbps	29 ± 2	MCS9 29 ± 2	18Mbps -83
			MCS12 28 ± 2	24Mbps -81
	24Mbps	29 ± 2	MCS15 23 ± 2	36Mbps -78
	36Mbps	27 ± 2		48Mbps -75
	48Mbps	25 ± 2		54Mbps -73
	54Mbps	24 ± 2		