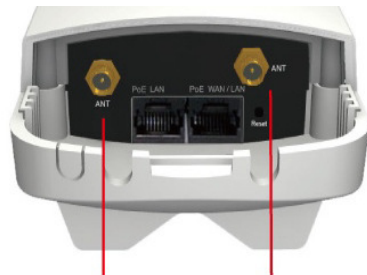
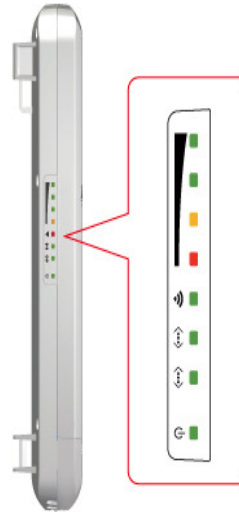


## ATSW-1000e-AN



2xRP-SMA Female



### Description:

THIS IS AN 300MBPS HIGH POWER OUTDOOR CPE/AP. COMPLY WITH IEEE 802.11A/N STANDARD, POLARIZED HIGH GAIN EXTERNAL ANTENNA PROVISION, HIGH POWER, THE TRANSMIT/RECEIVE WIRELESS DISTANCE UP TO 30 KM.

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.



ATSW-1000e-AN

# ATS WIRELESS SOLUTIONS

## 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

External Antenna

Power : 24 V 1A

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

Working: -20°C~70°C

Storage: -40°C to 85°C

### FIRMWARE:

<b>Operation Mode</b>	AP, Client, WISP, WDS Bridge			
<b>Standard</b>	IEEE 802.3(Ethernet)			
	IEEE 802.3u(Fast Ethernet)			
	IEEE 802.11a/n(5.8G WLAN)			
<b>Wireless</b>	Site Survey, adjustable output power			
	Distance Control (802.1x Ack timeout)			
	BSSID			
<b>Security</b>	WEP Encryption-64/128/152 bit			
	WPA/WPA2 Personal (WPA-PSK using TKIP or AES)			
	WPA/WPA2 Enterprise (WPA-EAP using TKIP)			
<b>RF Data</b>				
<b>RF Data</b>	802.11 a/n: 300 Mbps			
	5.150 - 5.350 GHz, 5.725 - 5.825 GHz, 5.825 - 5.875 Ghz			
<b>Modulation</b>	OFDM = BPSK,QPSK, 16-QAM, 64-QAM			
	DSSS = DBPSK, DQPSK, CCK			
<b>Data Rate</b>	<b>Output Power</b>		<b>Receive Sensitivity</b>	
	<b>802.11a</b>	<b>802.11n</b>	<b>802.11a</b>	<b>802.11n</b>
	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		