

## ATSW-1000i-11AC



### Description:

ATSW-1000i-11AC IS AN Atheros Solution High Power Industrial Use Outdoor CPE with the next generation 802.11AC Wi-Fi standard, combined 1200Mbps Wi-Fi speed over 2.4GHz(300Mbps) and 5GHz(900Mbps), equipped Gigabit WAN port,

. ABS + Metal Case, Waterproof, Dust Proof and Sunscreen Shell, Temperature Adaptive and Board Protective

ATSW-1000i-11AC with ABS waterproof, dust proof and sunscreen shell, avoid the damage from dust, thunderstorm weather. Meantime, it is adaptive to various environments, the working temperature can be normal at -40°C to 70°C. Suit for any country.

### Access Controller System & Cloud Management System

Work with WLAN controller in wireless AP operation mode, easily access advanced network settings through PC, like AP status monitor, change IP address, ESSID, channel, password, upgrade firmware, backup and restore. Then work with cloud management system, easy to do central and remote management, advertisement and multi authentication make this device more professional in WiFi projects



ATSW-1000i-11AC

# ATS WIRELESS SOLUTIONS

## SPECIFICATION

### HARDWARE

#### Atheros Chipset

802.11ac/b/g/n, MIMO Technology

RAM :128MB DDR2 RAM

Flash : 16MB

1 \* 10/100 /1000Mbps RJ45 WAN Port

1 Reset Button

Led: Lan, Wlan,WAN, signal Strength

15dBi 2G/18dBi 5G Integrated Panel Antenna  
Power : 48V PoE<30W

L :410 mm , W: 20.5 mm ,  
H: 105 mm

Working: - C0~40 °C(32 °F~104°F)  
Storage- 40~70 °C (-40 °F~158°F)

Weight : 3KGS

### FIRMWARE:

<b>Operation Mode</b>	Wireless AP, Gateway, WISP, WiFi Repeater
<b>Standard</b>	802.11ac/b/g/n, MIMO Technology
<b>SSID</b>	Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G)
<b>Firewall</b>	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
<b>WAN Type</b>	Dynamic IP/Static IP/PPPoE/L2TP(Dual Access) /PPTP(Dual Access)
<b>Protocols</b>	IPv4
<b>Security</b>	WEP Encryption-64/128 bit
	WPA/WPA2
	WPA-PSK/ WPA2-PSK encryption

### RF Data

<b>RF Data</b>	2.4G:802.11b/g/n: 5GHz: 802.11a/n/ac						
	2400~2500 / 5725~5850						
<b>Modulation</b>	OFDM = BPSK,QPSK, 16-QAM, 64-QAM						
	DSSS = DBPSK, DQPSK, CCK						
Frequency	Mode	Data Rate	Standard	Result(dBm)			RF Power (±1.0dBm)
				CH-1	CH-6	CH-11	
2.4 Ghz	11b	1Mbps	≤-83	-99	-99	-99	29dBm
		11Mbps	≤-76	-92	-92	-92	
	11g	6Mbps	≤-85	-95	-95	-95	29dBm
		54Mbps	≤-68	-82	-82	-82	27dBm
	11n HT20	MCS0/8	≤-85	-95	-95	-95	28dBm
		MCS7/15	≤-67	-79	-77	-78	26dBm
	11n HT40	MCS0/8	≤-82	-93	-93	-93	28dBm
		MCS7/15	≤-64	-75	-75	-75	26dBm



5GHZ							
Frequency	Mode	Data Rate	Standard	Result(dBm)			RF Power (±1.0dBm)
				CH-36	CH-100	CH-149	
5 Ghz		6Mbps	≤-85dBm	-92	-92	-92	26dBm
	11a	54Mbps	≤ -68dBm	-75	-75	-75	23dBm
	11n HT20	MCS0/8	≤ -85dBm	-91	-91	-91	26dBm
		MCS7/15	≤ -64dBm	-72	-72	-72	23dBm
				CH-38	CH-110	CH-151	
	11n HT40	MCS0/8	≤ -82dBm	-88	-88	-88	26dBm
		MCS7/15	≤ -61dBm	-70	-70	-70	23dBm
				CH36	CH100	CH149	
	11ac HT20	MCS0	≤-82	-92	-92	-92	26dBm
		MCS8	≤-60	-70	-70	-69	23dBm
				CH38	CH110	CH151	
	11ac HT40	MCS0	≤-79	-90	-89	-89	25dBm
		MCS9	≤-60	-66	-65	-65	22dBm
	11ac HT80			CH42	CH106	CH155	
		MCS0	≤-79	-87	-87	-87	24dBm
		MCS9	≤-54	-62	-61	-61	21dBm