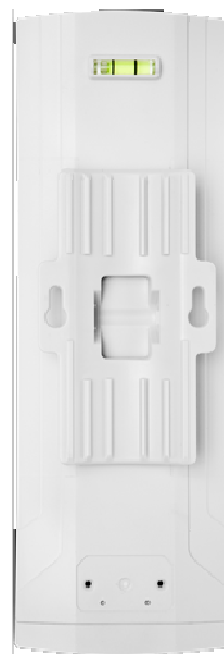


ATSW-1000i-900Mbps



Description:

ATSW-1000i-11AC IS AN Atheros Solution High Power Industrial Use Outdoor CPE with the next generation 802.11ac 900Mbps 5GHz, Equipped Gigabit WAN Port,

ATSW-1000i-11AC with ABS waterproof, dust proof and sunscreen shell, avoid the damage from dust, thunderstorm weather. Meantime, it adaptive to various environments, the working temperature can be normal at -10°C to 50°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-900Mbps

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

16dBi 5G Integrated

Antenna

Power : 24V PoE

DC:12V 1A

Working: -20°C to 50°C

Storage: -10°C to 50°C

Size: 257mmX87mmX38mm

FIRMWARE:

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

RF Data

RF Data	5GHz: 802.11a/n/ac
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK

5GHz

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