

ATSW-750i



Description:

ATSW-750i standard high performance ceiling Wireless AP, Qualcomm chipset 2.4GHz and 5.8GHz, 750Mbps A/B/G/N/AC, supply more stable and faster WiFi Access in client density environments such as hotel, meeting room, shopping mall...

Support 48V Passive PoE, Wireless AP, WiFi Repeater operation mode, to meet with different installation requirement; Work with WLAN Controller, centralized configuration and management, easy to Achieve WiFi Coverage and maintenance;

It supports Wireless AP, Repeater Mode.



ATSW-750i

ATS WIRELESS SOLUTIONS

SPECIFICATION

Specification	
MCU	Qualcomm (Atheros) QCA9531 + QCA9887
RF	2T2R, 750Mbps (450+300Mbps) MIMO tech , comply with IEEE 802.11b/g/n standard
Memory	128MB DDR RAM
Flash	16MB
Interface	2 x RJ-45 for 10/100 Mbps WAN/LAN Port (WAN port support IEEE 802.3af POE)
	1 x Reset button(Reset & Factory Defaults)
	1 x Power DC Jack
Power	DC: 12V/1A; POE: IEEE 802.3af 48V PoE, 110V/220V
Antenna	Build in 2X2 Mimo 5dbi Omni antenna (2.4GHz+5.8GHz)
Size	168mmX168mmX32mm
RF	
Frequency	802.11 a/b/g/n/ac, 533MHz
	2.412~2.472GHz , 5.150 - 5.350 GHz, 5.725 - 5.825 GHz, 5.825 - 5.875 GHz
	India
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM
	DSSS = DBPSK, DQPSK, CCK
Throughput	750 Mbps (450Mbps 5.8GHz+ 300Mbps 2.4GHz)
RF Power	2.4G: 11n @MCS7:24±2DB, @MCS0:25±2DB.
	11g @54M:24±2DB, @6M:26±2DB.
	11b @11M:25±2DB, @1M:27±2DB.
	5.8G: 11a @54M:22±2DB, @6M:24±2DB.
	11n @MCS7:20±2DB, @MCS0:22±2DB.
	11ac @MCS9:20±2DB, @MCS0:21±2DB.
Receive Sensitivity	2.4G: 11n: -70dbm@MCS7, -88dbm@MCS0.
	11g: -72dbm@54Mbps, -88dbm@6Mbps.
	11b: -85dbm@11Mbps, -94dbm@1Mbps.
	5.8G: 11a: -72dbm@54Mbps, -90dbm@6Mbps.
	11n: -70dbm@MCS7, -90dbm@MCS0.
	11ac:-60dbm@MCS9, -86dbm@MCS0.



ATS WIRELESS SOLUTIONS

SPECIFICATION

Software	
Operation Mode	AP/ Repeater
Protocol/Standard	IEEE 802.3(Ethernet)
	IEEE 802.3u(Fast Ethernet)
	IEEE 802.11b/g/n(2.4G WLAN)
	IEEE 802.11ac/a/n(5.8G WLAN)
Wireless	Auto-Channel selection
	Distance Control (802.1x Ack timeout)
	BSSID
Security	WEP Encryption-64/128/152 bit
	WPAWPA2 Personal (WPA-PSK using TKIP or AES)
	WPAWPA2 Enterprise (WPA-EAP using TKIP)
	Hide SSID
Management	
System Settings	Web-based configuration (HTTP/Telnet)
Firmware Upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
System monitoring	Status in hand , useful statistic and Event log
Logs	Supports local logs, logs host, logs file export
Reset	Reset or factory defaults
Backup	Restore settings & configuration of the device to local file
Physical Property	
Temperature	Working: -20°C~50°C
	Storage: -40°C to 70°C
Humidity	5%~95% (typical)
Package	
ATSW-750i complete set	
User Manual	
90mm LAN Cable	