WAP 2750E

750Mbps Dual Band Wall Mount Wireless AP

- Compatible with 802.11ac wireless technology, work with 802.11ac/b/g/n device 1 * 10/100Mbps WAN port, 1 * 10/100Mbps LAN port, WAN port support IEEE 802.3af PoE.

- Simultaneous Dual-Band with speeds up to 750Mbps at 2.4GHz and 5GHz band concurrently.

- 16M Flash + 128M DDRII RAM, more stable performance in wireless.

- Easy setup, remote and central managed by access controller system and Cloud management system.

DESCRIPTION:

AirPro WAP2750E is an SNMP protocol based 11ac Wall Mount style Wireless Access Point. Upgrade to the latest wireless-AC technology and enjoy the seamless internet at fast data rates (433Mbps in 5G and 300Mbps in 2.4GHz), dual band allows seamless stream, faster content download and quickly sync large video or music files. It comes embedded with PoE, providing a steady wireless network in Hotel, School and Hospital. Additionally, it works with AirPro Access Controller system and cloud management system providing easy central configuration, meet with different advertisement and multi authentication requirements, which makes it a professional and cost effective solution for large area Wi-Fi.

WIRELESS AC TECHNOLOGY

The WAP2750E is a dual band wall mount Wireless Access Point offering wireless-AC technology for seamless/smoother video and music streaming, with this technology several users can share data over the Wi-Fi networks and can even watch online Internet-ready TV, play games and other Wi-Fi devices can access into this wireless networking at transfer rates of up to 750Mbps speed.

DUAL BAND, LESS INTERFERENCE

Double your network bandwidth with this Dual-Band AC (2.4G and 5G) which is designed to avoid interference and maximize throughput. You can browse web pages, handle mails and chat over 2.4G, while enjoying lag-free HD multimedia and online gaming over 5G without worrying about any interference.

POWER OVER ETHERNET

WAP2750E AC AP has integrated with IEEE 802.3af standard Power over Ethernet (PoE), for easy installation and is available at affordable cost. Therefore, it can be installed in areas where power outlets are not promptly accessible, thereby eliminating the mess of altering existing network infrastructure.

ACCESS CONTROLLER SYSTEM & CLOUD MANAGEMENT SYSTEM

WAP2750E works with Access Control System, allows easy access to advanced network settings through PC, including AP status monitor, change IP address, ESSID, channel, password, upgrade firmware, backup and restore, etc.

Additionally, it works with Cloud Management System, providing easy central and remote management, advertisement and multi authentication. Also, the billing function is likely to be included in the near future, which makes this AP more professional in Wi-Fi Projects.

MAIN FEATURES:

- Compatible with 802.11ac wireless technology, work with 802.11ac/b/g/n device.
- 1 * 10/100Mbps WAN port, 1 * 10/100Mbps LAN port, WAN port support IEEE 802.3af PoE.
- Simultaneous Dual-Band with speeds up to 750Mbps at 2.4GHz and 5GHz band concurrently.
- 16M Flash + 128M DDRII RAM, more stable performance in wireless.
- Easy setup, remote and central managed by access controller system and Cloud management system.

PRODUCT SPECIFICATIONS

Hardware Features	
Interface	1 * 10/100Mbps WAN Port, 1 * 10/100Mbps LAN Port, 1 * LED on/off switch
Button	Reset Button, press 15 seconds to revert to default data.
Chipset	Qualcomm QCA9531+QCA9887
Flash	16M Flash
SDRAM	128M DDR
External Power Supply	48V IEEE 802.3af standard
Dimensions (W X D X H)	86*86*35mm
Antenna Type	1*5.8GHz 2dBi internal antenna 2*2.4GHz 2dBi internal antennas

Wireless Features	
Wireless Standards	IEEE 802.11ac/n/a 5GHz IEEE 802.11n/g/b 2.4GHz
Frequency	5GHz and 2.4GHz
Signal Rate	5GHz:Up to 433Mbps; 2.4GHz: Up to 300Mbps
EIRP	<20dBm(EIRP)

Reception 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.

RF Power	2.4G: 11n @MCS7:15±2DB, @MCS0:17±2DB.
	          11g @54M:16±2DB, @6M:18±2DB.
	          11b @11M:18±2DB, @1M:20±2DB.
	5.8G: 11a @54M:15±2DB, @6M:17±2DB.
	          11n @MCS7:14±2DB, @MCS0:16±2DB.
	          11ac @MCS9:13±2DB, @MCS0:15±2DB.

Wireless	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G) BSSID
EVM	802.11n: < - 28 DB 802.11g: < -25 DB 802.11b: < -10 DB 802.11a: < -25 DB
PPM	±20ppm
Max Access Users	128
Operation Mode	Wireless AP, Gateway, WiFi Repeater
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
LED Status	Sys(System), WAN, WiFi

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Management	
System Settings	Web-based configuration (HTTP/Telnet), Access Control System (SNMP)
Firmware Upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
System monitoring	Watch dog, 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, Scheduled reboot

OTHERS	
Certification	
Package Contents	733Mbps Dual Band wireless access point Ethernet Cable Quick Installation Guide Setting Accessory
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, MAC OS, NetWare, UNIX or Linux
Environment	Operating Temperature: -40~55℃ Storage Temperature: -40~70℃ Humidity: 5%~95% non-condensing;

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