WAP 2750

750Mbps Dual Band Wall Mount Wireless AP

- Compatible with 802.11ac wireless technology, work with 802.11a/b/g/n device.

- Simultaneous Dual-Band with speeds up to 733Mbps at 2.4GHz and 5GHz band concurrently.

- 8M Flash + 64M DDRII RAM, more stable performance in wireless.

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

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DATASHEET

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DESCRIPTION:

Air Pro WAP2750 is a 750Mbps 11ac Wall Mount Wireless AP. Upgrade to latest wireless-AC technology and enjoy seamless internet at fast data rate (433Mbps in 5.8GHz and 300Mbps in 2.4GHz) and dual band allowing users to download and sync large video or music files quickly. WAP2750 is suitable for School, Hospital, Hotel and campus for wireless networking.

WIRELESS AC TECHNOLOGY

WAP2750 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 733Mbps speed.

DUAL BAND, LESS INTERFERENCE

WAP2750 Dual-Band AC (2.4GHz and 5GHz) is designed to avoid interference and maximize throughput. You can browse web pages, handle mails and chat over 2.4GHz, while enjoying lag-free HD multimedia and online gaming over 5GHz without worrying about any interference.

POWER OVER ETHERNET

WAP2750 AC AP is integrated with IEEE 802.3af standard Power over Ethernet (PoE), making it affordable and easy to use. So it can be installed in areas where power outlets are not promptly accessible, eliminating the mess of altering existing network infrastructure.

ACCESS CONTROLLER SYSTEM & CLOUD MANAGEMENT SYSTEM

With Access Control System, users can easily access advanced network settings through PC, including AP status monitor, ESSID, Channel, upgrade firmware, backup and restore, can change IP address and Password, etc.

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

MAIN FEATURES:

- Compatible with 802.11ac wireless technology, work with 802.11a/b/g/n device.
- Simultaneous Dual-Band with speeds up to 733Mbps at 2.4GHz and 5GHz band concurrently.
- 8M Flash + 64M 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
Button	Reset Button
Chipset	RTL8881AN+RTL8192ER
Flash	8M Flash
SDRAM	64M DDRII
External Power Supply	48V IEEE 802.3af POE
Dimensions (W X D X H)	86*86mm
Antenna Type	1*5GHz 5dBi internal antenna 1*2.4GHz 5dBi 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	5GHz: 11a 6Mbps: -95dBm 11a 54Mbps: -72dBm 11ac HT20: -68dBm 11ac HT40: -65dBm 11ac HT80: -62dBm 11n HT20: -70dBm 11n HT40: -68dBm 2.4GHz: 11b 1M: -95dBm 11g 54M: -72dBm 11n HT20: -70dBm 11n HT40: -68dBm
RF Power	5GHz: 11a 6Mbps: 20DBM 11a 54Mbps: 19DBM 11ac HT20: 20DBM 11ac HT40: 20DBM 11ac HT80: 16DBM 11n HT20: 20DBM 11n HT40: 20DBM 2.4GHz: 11b 1M 22DBM 11g 54M: 23DBM 11n HT20: 20DBM 11n HT40: 19DBM
Wireless	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G) BSSID
Wireless Functions	Enable/Disable Wireless Radio, Wireless access point, Wi-Fi repeater, Gateway
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption

Software Features	
WAN Type	Dynamic IP/Static IP/PPPoE/L2TP(Dual Access) /PPTP(Dual Access)
DHCP	Server, Client, DHCP Client List
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
VPN Pass-Through	PPTP, L2TP
Access Control	Local Management Control, Remote control
Firewall Security	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Protocols	Supports IPv4
Management	Access Control Local Management, Remote Management
Guest Network	2.4GHz guest network × 1 5GHz guest network × 1

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: 0~40 ℃(32 ℉~104℉) Storage Temperature: -40~70 ℃ (-40 ℉~158℉) Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing

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