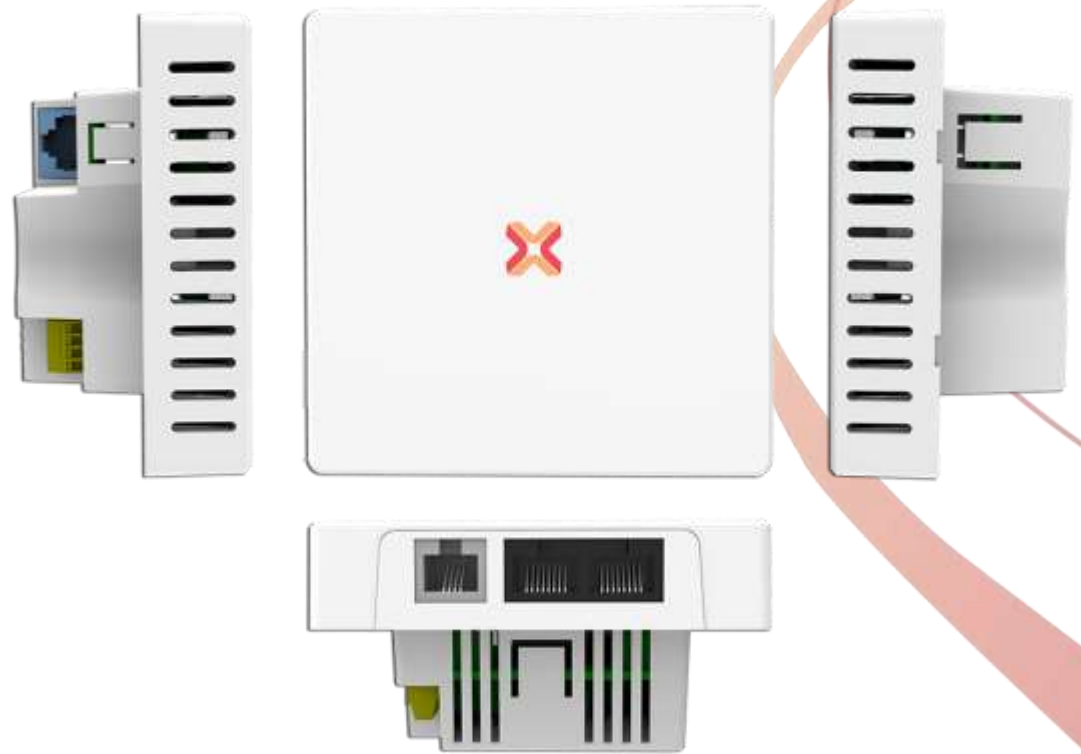## Product Overview

DT620 is an 11ac dual band wall mount stylish wireless access point with fast data rate (450Mbps in 5G and 300Mbps in 2.4GHz) and dual band allowing content to download faster, large video or music files to sync more quickly and stream seamlessly. Embeded PoE work in hotel, school, hospital mainly for a stable wireless networking. It can work with Xentino Access Controller or Cloud Management System.

Wireless AC Technology, more users

The **DT620** AC dual band wall mount Wireless Access Point offers AC technology 750Mbps data rate for seamless/smoother video and music streaming. More users including computers, Internet-ready TVs, game consoles, and other Wi-Fi devices can access into this wireless networking

Dual Band, 5G Priority, Less Interference

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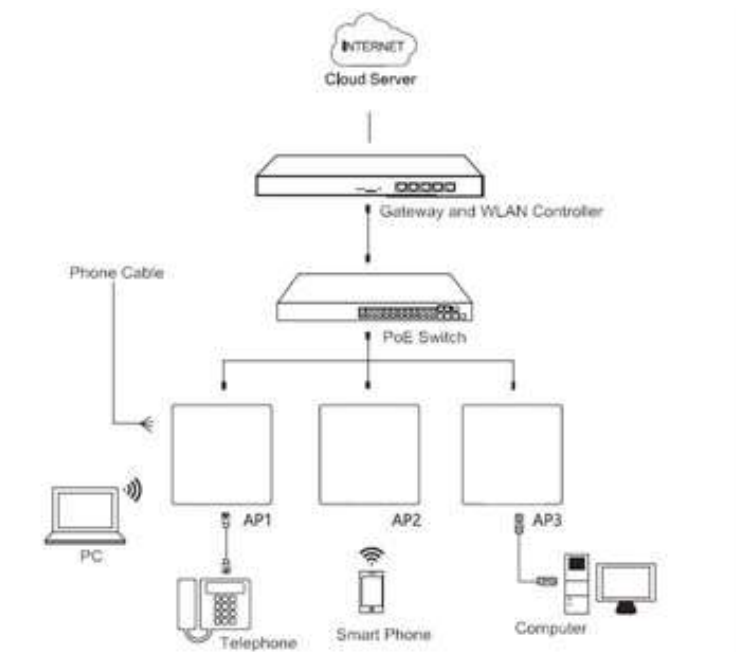
Power over Ethernet

DT620 AC AP has integrated IEEE 802.3af standard Power over Ethernet (PoE), for easy installation and lower cost. So it can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure.

Build in Wi-Fi Channel Analysis Tool for best channel
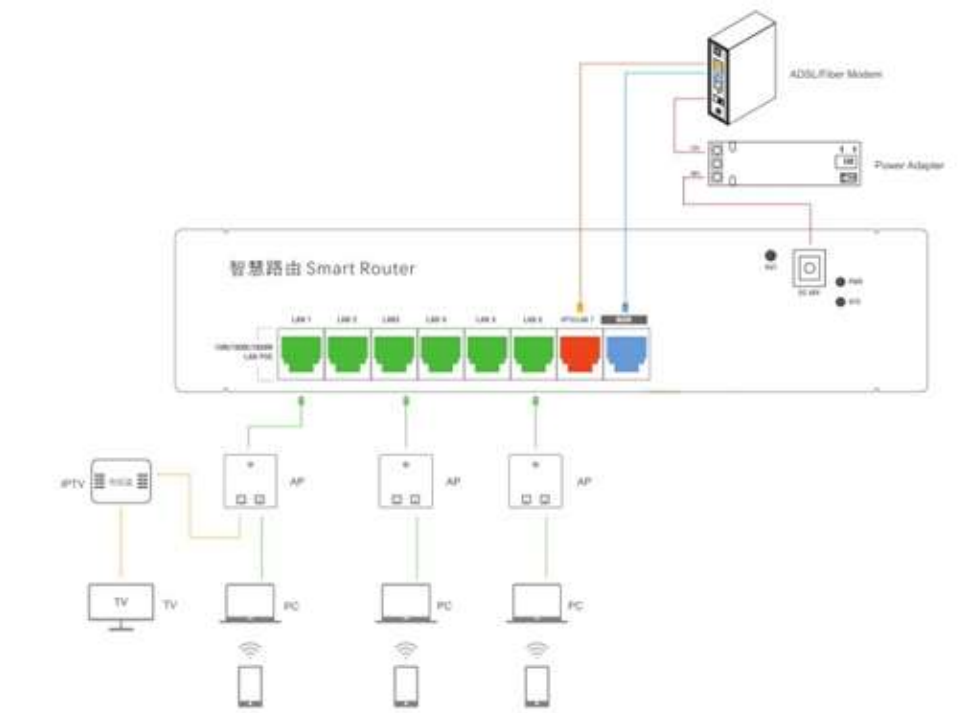
Build in Smart Channel Analysis Tool, help to select the less Wi-Fi Interference channels ensure the stability wireless signal.

Multiple application scene and Central management

Work with WLAN controller and PoE switch, plug and play, then allow administrator to manage it in centrally and remotely, suit for hotel, school, hospital, provide stable wireless access, promote advertisement and collect user information for second time sales.

Work with multiple function smart router, plug and play, easy to provide high security dual band wireless access for end users and gigabit Ethernet for IPTV. Then all cable is embedded in the wall, safety, tidy and perfectly comply with home decoration.

SPECIFICATIONS

HARDWARE FEATURES	
Chipset	QCA9531 + QCA9887
Flash	16M Flash
DDR	128M DDR
Interface	1*10/100Mbps WAN port 2*10/100Mbps LAN ports 1*RJ11 port
Power Supply	48V PoE, IEEE 802.3af standard
Maxi power consumption	< 8W
Dimensions (W X D X H)	86*86*35mm
Antenna Type	Build in dual band 2dBi antenna

WIRELESS FEATURES					
Wireless Standards	IEEE 802.11ac/n/a 5GHz; IEEE 802.11n/g/b 2.4GHz				
Frequency	5GHz : 5.150GHz～5.850GHz 2.4GHz: 2.4GHz – 2.484GHz				
Signal Rate	5GHz: Up to 450Mbps; 2.4GHz: Up to 300Mbps				
RF Power (2.4GHz)	802.11b	11M	17±2dBm	1M	19±2dBm
	802.11g	54M	16±2dBm	6M	18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
RF Power (5GHz)	802.11a	54M	16±2dBm	6M	18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
	802.11ac HT80	MCS9	13±2dBm	MCS0	15±2dBm
Receive Sensitivity (2.4GHz)	802.11b	11M	-85dBm	1M	-94dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm

WIRELESS FEATURES

Receive Sensitivity (5GHz)	802.11a	54M	-74dBm	6M	-90dBm
	802.11n HT20	MCS7	-72dBm	MCS0 .	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0 .	-86dBm
	802.11ac HT80	MCS9	-58dBm	MCS0 .	-80dBm
Wireless	Auto-Channel selection				
	Distance Control (802.1x Ack timeout)				
	Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G)				
	BSSID				
EVM	2.4G: 802.11b: ≤-10 dB; 802.11g: ≤-25dB; 802.11n: ≤-28 dB 5G: 802.11a: ≤-25 dB; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB				
PPM	±20ppm				
Max Access Users	128				
Operation Mode	Wireless AP, Gateway, Wi-Fi Repeater				
Wireless Security	64/128-bit WPA / WPA2, WPA-PSK/ WPA2-PSK encryption				
LED Status	Wi-Fi, LAN, SYS				

MANAGAMENT

System Settings	Web-based configuration (HTTP/Telnet)
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

Package Contents	750Mbps Dual Band wireless access point Quick Installation Guide Setting Accessory
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, Windows 10, MAC OS, NetWare, UNIX or Linux
Environment	Operating Temperature: -20~55 ℃ Extreme Temperature: -30~55 ℃ Storage Temperature: -40~70 ℃ Humidity: 5%~95% non-condensing