

Product Overview

DT680 is an 11ac dual band wall mount style wireless access point upgrade to the latest wireless-AC technology, fast data rate (900Mbps 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. Embed PoE, work in hotel, school, hospital mainly for a stable wireless networking. Then work with Xentino's Access Controller System and cloud management system, easy in central configuration, meet with different advertisement and multiple authentication requirement, professional and cost effectively in large area Wi-Fi solution.



Wireless AC Technology, more users

The **DT680** 11AC dual band wall mount Wireless Access Point with Gigabit WAN port, offers AC technology 1200Mbps data rate for seamless/smooth video and music streaming. More users including computers, Internet-ready TVs, game consoles, and other Wi-Fi devices can access into this wireless networking

Support 802.11kvr Seamless Roaming

It support 802.11kvr seamless roaming, user will enjoy the freely networking without any suspend even the wireless signal switch from this AP to another AP.

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.

Build in Wi-Fi Channel Analysis Tool for best channel

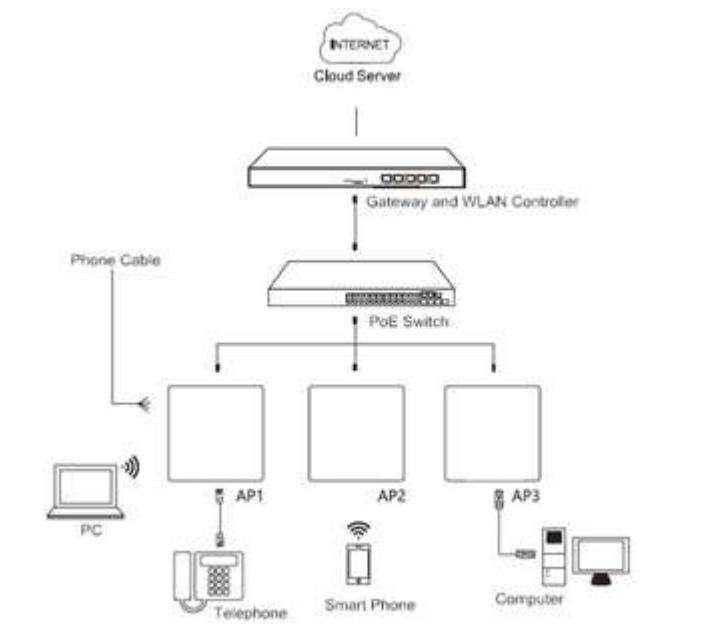
Build in Smart Channel Analysis Tool, help to select the less Wi-Fi Interference channels, ensure the stability wireless signal.

Power over Ethernet

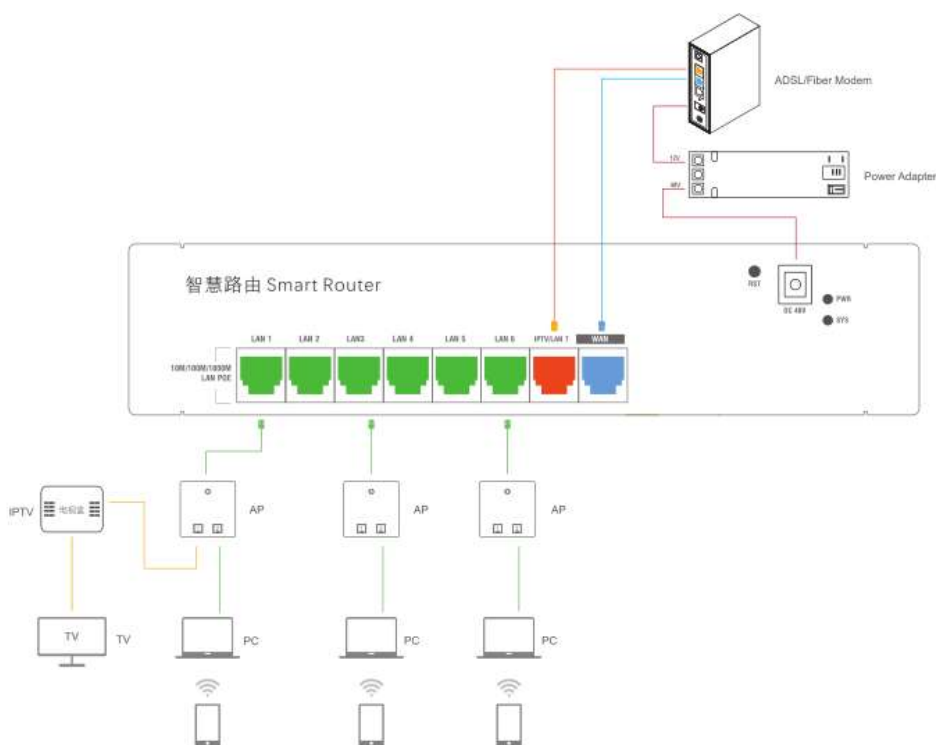
DT680 AC AP has integrated IEEE 802.3af standard Power over Ethernet (PoE), for easy installation and lower cost. So it can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure.

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.



HARDWARE SPECIFICATIONS	
Chipset	MT7621DAT+MT7615N
Flash	8M Flash
DDR	128M DDR
Interface	1*10/100/1000Mbps WAN port
	1*10/100/1000Mbps LAN ports
	1*WiFi Switch On/Off button
	1*Reset button
Power Supply	48V PoE, IEEE 802.3af standard
Maxi power consumption	< 12W
Dimensions (W X D X H)	87*86*35.8mm
Antenna Type	On board WiFi antenna
	2.4G: 3dBi omni antenna
	5.8G: 4dBi omni antenna
WIRELESS SPECIFICATIONS	
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 900Mbps;
	2.4GHz: Up to 300Mbps
RF Power (2.4GHz)	<17dBm
RF Power (5GHz)	<17dBm
Wireless	Auto-Channel selection
	Distance Control (802.1x Ack timeout)
	Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G)
	BSSID
Max Access Users	128
Operation Mode	Wireless AP, Gateway
Wireless Security	64/128-bit WPA / WPA2, WPA-PSK/ WPA2-PSK encryption and RADIUS 802.1x
ESD - I	Air discharge:±8KV
LED Status	WAN, LAN, SYS
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 900Mbps;

ANTENNA SPECIFICATIONS

Frequency Range	2.4-2.5GHz
Impedance	50 Ohms nominal
Gain	2dBi
Radiation	Omni
Polarization	Linear
Return Loss/VSWR	

