

### Product Overview

*It is an in wall AP with 300Mbps data rate with Qualcomm Chipset, with 3\*RJ45 ports and 1\*RJ11 port, designed for hotel/home mainly to provide Wi-Fi Internet access for users and LAN internet for TV/PC... in hotel room, guest room, living room and lobby.*

*It support 802.3af PoE, compliant with any 802.3af Power over Ethernet equipment, easy in setting and complete the full Wi-Fi coverage.*

*Managed by WLAN controller, it is easy to configure the data in central or remotely; Then can work with cloud server for portal authentication and advertisement function.*

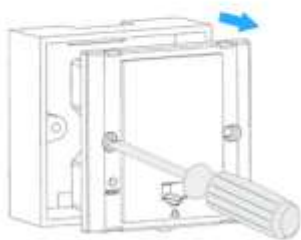


### Main Features

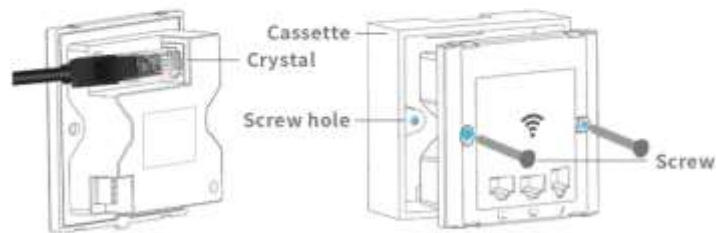
- In wall design, match with the cassette with size of 86mm or 75mm, easy to complete the hotel Wi-Fi cover.
- Compliant with IEEE 802.11b/g/n standard, 300Mbps in data rate, more faster in download, more freely in internet surf.
- Support 802.3af PoE, can be powered by any powered by any 802.3af Power over Ethernet equipment, cost savely
- It has 3 RJ45 ports,two on the front allowing wired access for guests, TV, and one on the rear for network service and power provision. Then the RJ11 port can work with telephone for voice function.
- Support AC Controller and cloud server for easy management or advertisement or portal authentication: the IT staff can sets up different IP addresses, ESSID and manages each room's AP at the same time. They can remotely add, set up, monitor, delete, upgrade firmware via the AC controller through computer.
- Muti SSID and LAN Port tag VLAN support: DT550 support 4 SSID, each SSID can be named and assigned to different users, then internet data is isolated.

### Simple to install, easy to use

Fast installation in 4 steps based on the exist network frame.



1.Take off the cover of 86 size cassette (if no cover, then ignore it),



2.Plug the Ethernet cable in the WAN port of AP.

3.Match the AP and cassette through the screw hole ,and plug in screws to fix it, please do not make the screw too tight.



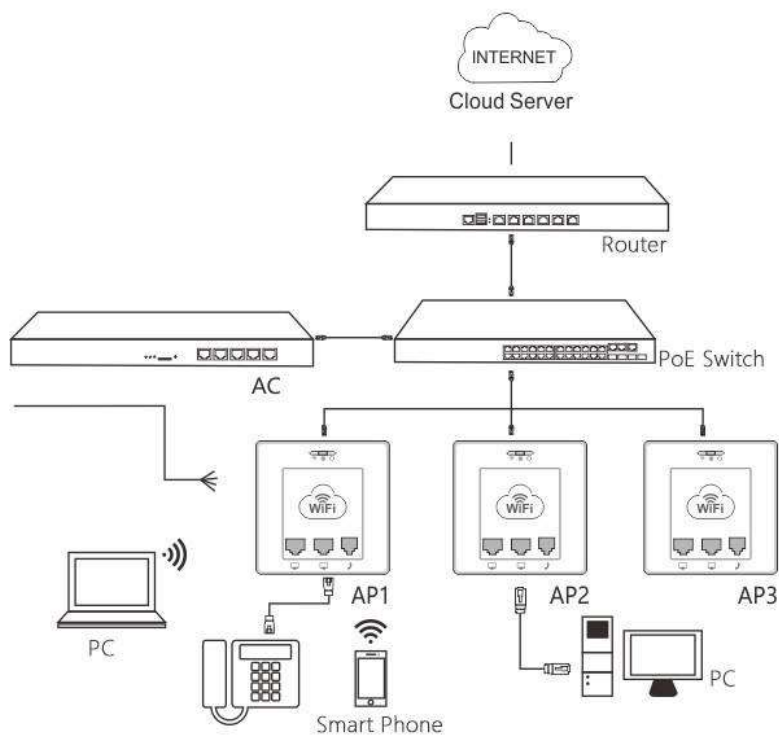
4.Cover the cassette to finish.

### Application Scene

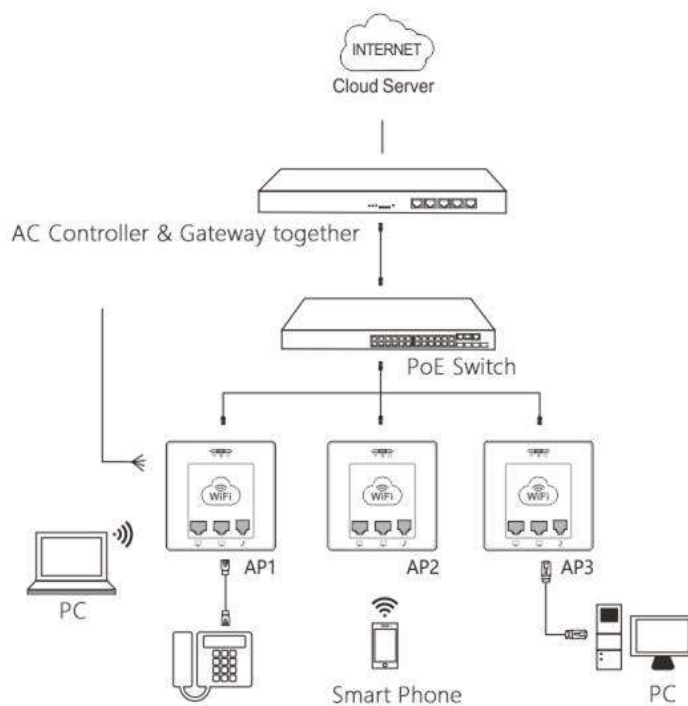


**SPECIFICATIONS**

<b>Wireless</b>	
Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Data Rate	11n: 300Mbps 11g: 54Mbps 11b: 11Mbps
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	11n @MCS7:14±2DB, @MCS0:16±2DB. 11g @54M:15±2DB, @6M:17±2DB. 11b @11M:18±2DB, @1M:20±2DB.
Modulation Type	OFDM = BPSK,QPSK,16-QAM,64-QAM;DSSS = DBPSK,DQPSK,CCK
Receive Sensitivity	11n: -70dbm@MCS7, -88dbm@MCS0. 11g: -72dbm@54Mbps, -88dbm@6Mbps. 11b: -85dbm@11Mbps, -94dbm@1Mbps.
EVM	802.11n: ≤-28 DB 802.11g: ≤-25 DB 802.11b: ≤-10 DB
PPM	±20ppm
MAX Users	64
Operation Mode	Gateway, AP, Repeater
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)
System Requirements	Windows 7/Vista/XP/2000,Mac OS®, Linux or Android OS
<b>Hardware</b>	
Chipset	Qualcomm QCA9531
Flash	16M
SDRAM	64M
Interfaces	3 x 10/100Mbps LAN/WAN Port, 1 x RJ11 port
Button	Reset Button
Antenna	MIMO 2dBi Build-in omni-directional Antenna
Power Supply	802.3af PoE
Dimensions ( W x D x H )	86mm*86mm*35mm
<b>Others</b>	
Operating Temperature	-20°C~55°C
Storage Temperature	-40°C~70°C
Relative Humidity	10% ~ 90%, Non-condensing
Storage Humidity	5%~95%, Non-condensing
Certifications	RoHS
Package Contents	1 x in wall AP 1 x Quick Installation Guide 1 x setting accessory



Connection Diagram 1



Connection Diagram 2