



Product Overview

SM150 is an device work in network distribution box but with smart router, WLAN controller, PoE Switch and Authentication gateway functions together.

There are 4*10/100/1000Mbps RJ45 PoE/LAN ports, which comply with IEEE 802.3af PoE standard, to supply Ethernet and 48V PoE power for the connected in wall wireless AP or IP cameras; or supply Ethernet to IPTV, desktop PC or other network device, which meet with different home network request, further upgrade and integrate the existing home Wi-Fi status.

There is Gigabit WAN port, support PPPoE, Dynamic IP, Static IP, when connect to different ISP network, **SM150** will automatic to detect the network type and supply Internet to LAN and PoE ports.

Besides that, it is an authentication gateway also, support local authentication and remote authentication under cloud server, especially captive portal authentication like Google login, Facebook Login, WeChat Login, SMS Login...

Main Features

Full Wi-Fi Coverage

Mount in wall wireless AP in each room, bring full Wi-Fi Coverage, freely and stable wireless Ethernet access, then centralized configured and managed by **SM150**, easy and simple.

Smart Flow Control

Intelligent to detect the user QTY, network traffic, wireless signal strength, then control user's flow to supply a freely internet experience

OPENWRT support

SM150 with MTK chipset, it supply OPENWRT, customer can develop their own firmware for this device, to comply with their management system.

Installation concealed with PoE power supply

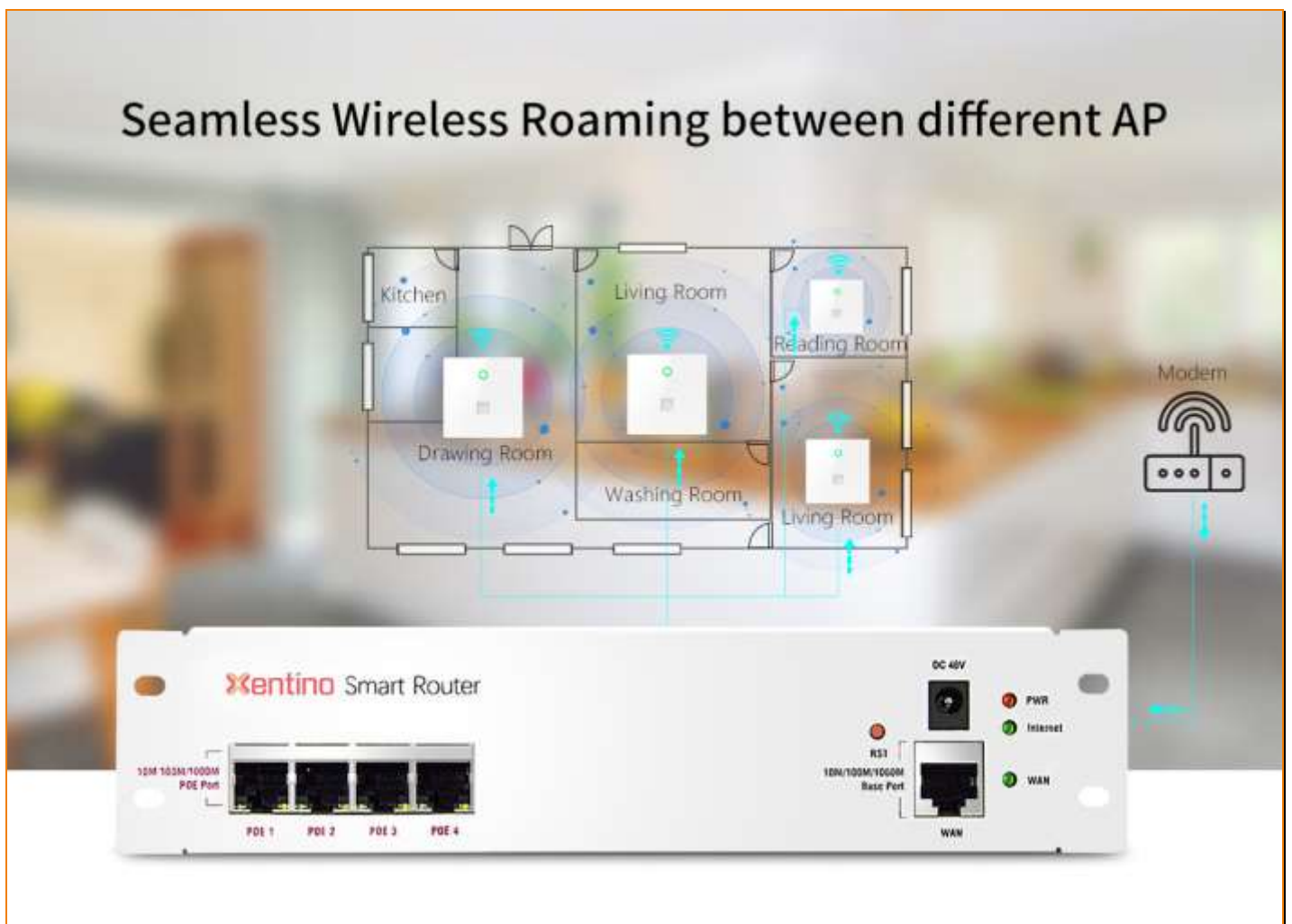
SM150 is integrated in networking distribution box and supply PoE power, work with in wall wireless AP, all cable is embedded in the wall, security and concealment, safety, tidy and perfectly comply with home decoration.

Cloud Management and Maintenance

SM150 support remote maintenance from cloud server if out of service, members can solve the problem at any place, any time.

Seamless Wireless Roaming Between APs

SM150 supports to make wireless roaming between different access points. It gives easy roaming with effortless usage with many APs at the same place.



SPECIFICATIONS

Hardware Specifications	
Model	SM150
CPU	MTK7621
Flash	16MB
SDRAM	256MB
PoE Output	IEEE 802.3af Standard, max 10W for each RJ45 port
PoE Power	72W in total
Size	229mm * 49.5mm * 28.0mm
Weight	<400g
Interface	1 * 10/100M/1000Mbps WAN port 4* 10/100/1000Mbps LAN/PoE ports 1 * DC port, 48V/3A 1 * Reset Button
Reset	Reset Button, press 10 seconds to revert to default data.
LED Indicator	PWR(Power), NET(Ethernet), WAN
Power Consumer	<8W
Working Environment	Working Temperature: -20°C ~ +50°C Storage Temperature: -40°C ~ +70°C Humidity : 5%~95% (No condensation)

Home Green WIFI Coverage Solution

All in One Gigabit Smart Router **SM150**

Smart Router+AC Controller+PoE Switch, all in one

