



Dual Band Ceiling-mount Access Point



Main Features:



- Comply with IEEE 802.11ac/b/g/n, dual band, 1200Mbps Data Rate
- 1 10/100/1000Mbps WAN Port, 1 10/100/1000Mbps LAN Port, faster Ethernet.
- 1000mW high power, build in 5dBi MIMO antenna, stronger signal strength, more wireless coverage, 16M Flash, 128M DDR2 RAM, more user, more stable
- Support active IEEE 802.3at 48V PoE standard
- Support SSID broadcasting, Multi SSID up to 8 (4 SSID in 2.4GHz, 4 SSID in 5GHz)
- Support Gateway (PPPOE, static IP, dynamic IP) , Wireless AP, Repeater, WISP operation mode
- With function of build in firewall, IP filter, URL filter and MAC filter
- Comply with IEEE 802.3az standard, RF power adjustment and frequency analyzer for better application in different environment
- Support DDNS, VPN pass through, Port forwarding and DMZ host
Support 64/128-bit WEP security, EAP, 128bit WPA (TKIP/AES) security

Hardware:

Chipset	Qualcomm QCA9563 + QCA9886 +QCA8334
Standard	802.11ac/b/g/n, MIMO technology
Memory	128MB DDR2 RAM
Flash	16MB
Interface	1 * 10/100 /1000Mbps RJ45 WAN Port
	1 * 10/100 / 1000Mbps RJ45 LAN Port
	1 * Reset button, press 15 seconds to revert to default setting
Antenna	Build in 5dBi MIMO Antenna
Power consumption	48V PoE<30W
Size	198mm X 28mm
Weight	



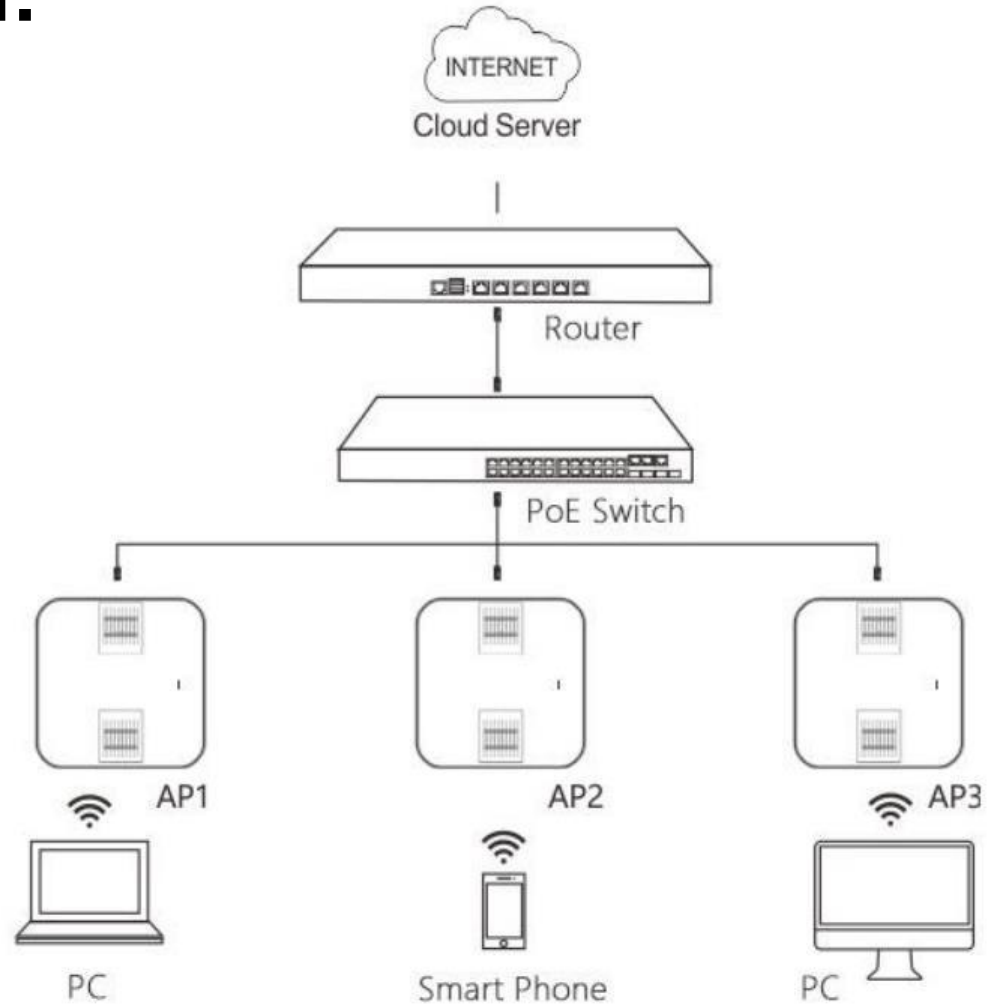
Firmware Features:

Operation mode	Wireless AP, Gateway, WISP, WiFi Repeater
WAN Type	Dynamic IP/Static IP/PPPoE/L2TP(Dual Access) /PPTP(Dual Access)
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
SSID	Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G)
Firewall	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Protocols	IPv4

Others:

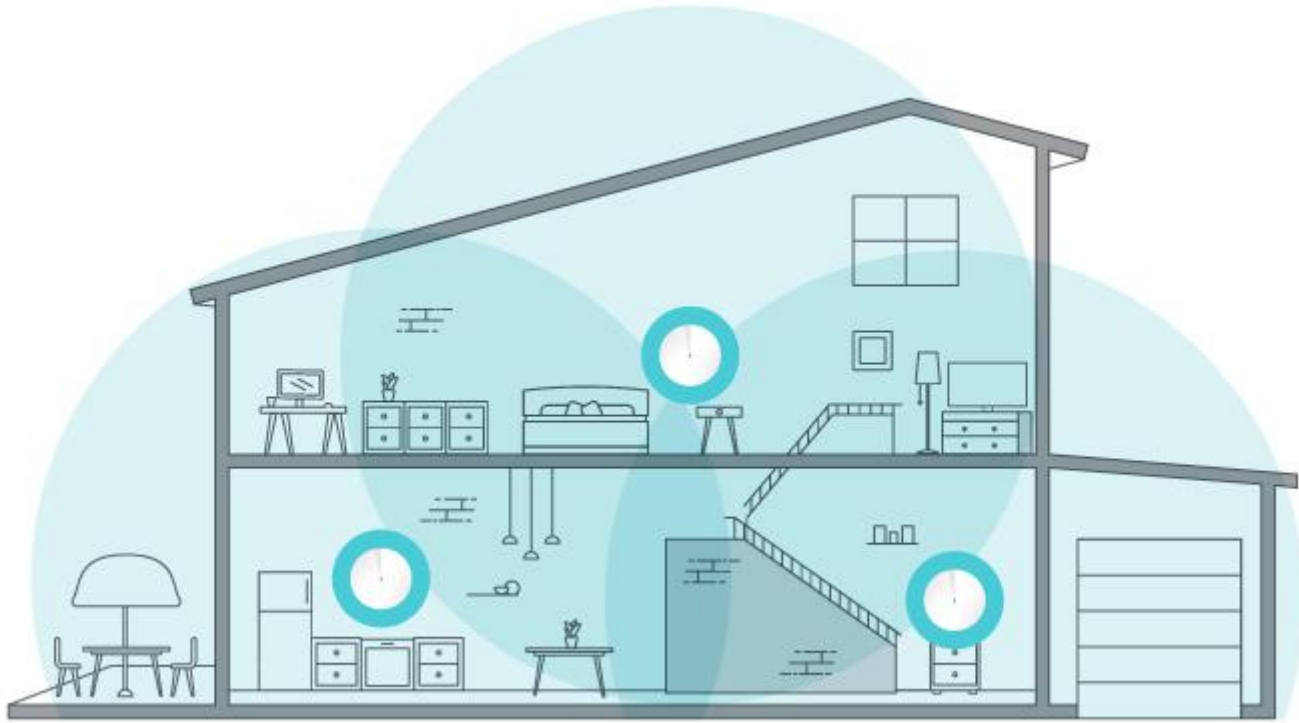
Package Contents	1200Mbps Dual Band wireless access point Ethernet Cable Quick Installation Guide Setting Accessory
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, MAC OS, NetWare, UNIX or Linux

Working Diagram:

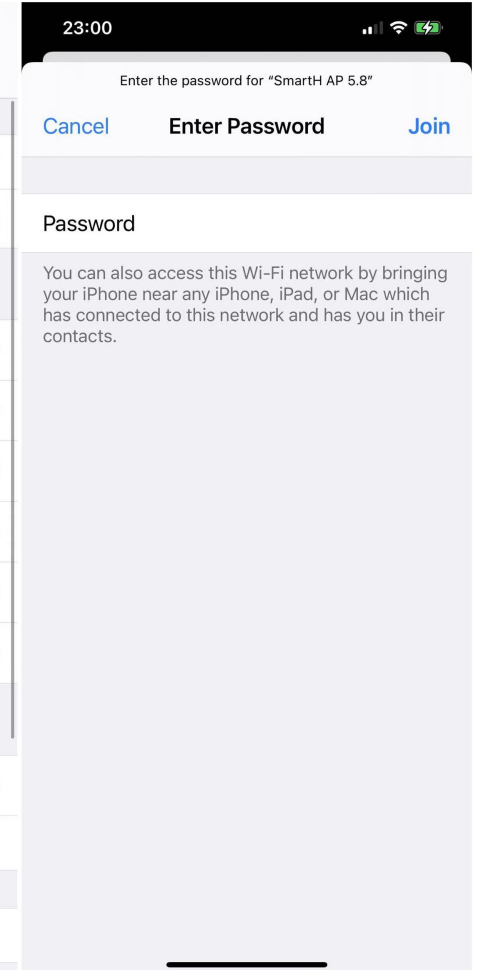
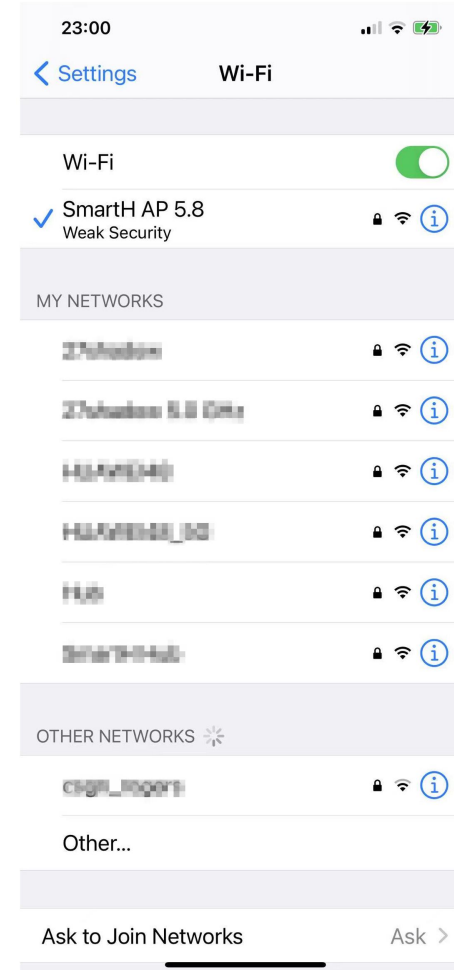




The network cable is connected from the POE switch to the AP (poe) port

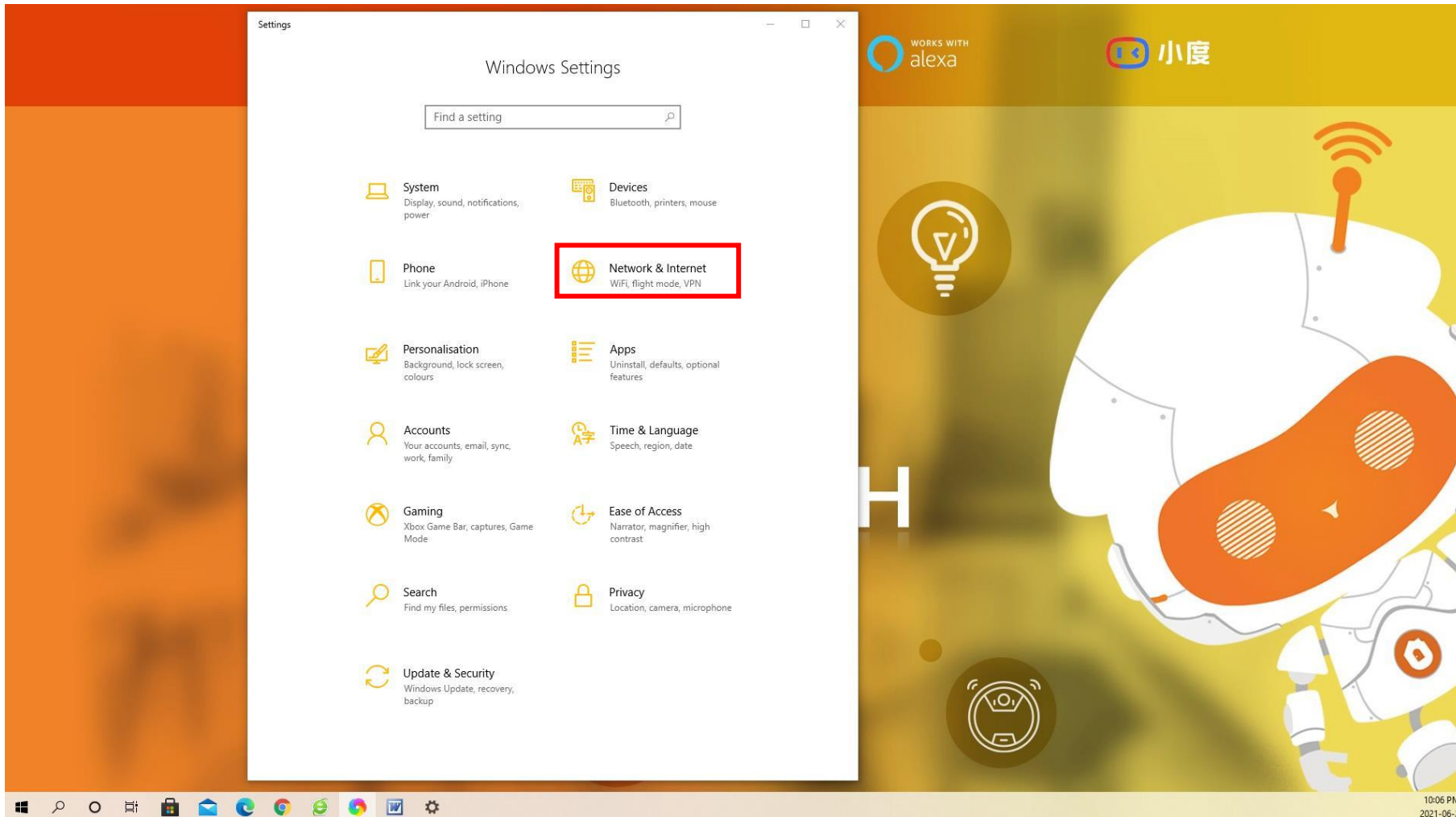


Default WIFI SSID : Smarth AP 5.8
Password: smarth1234

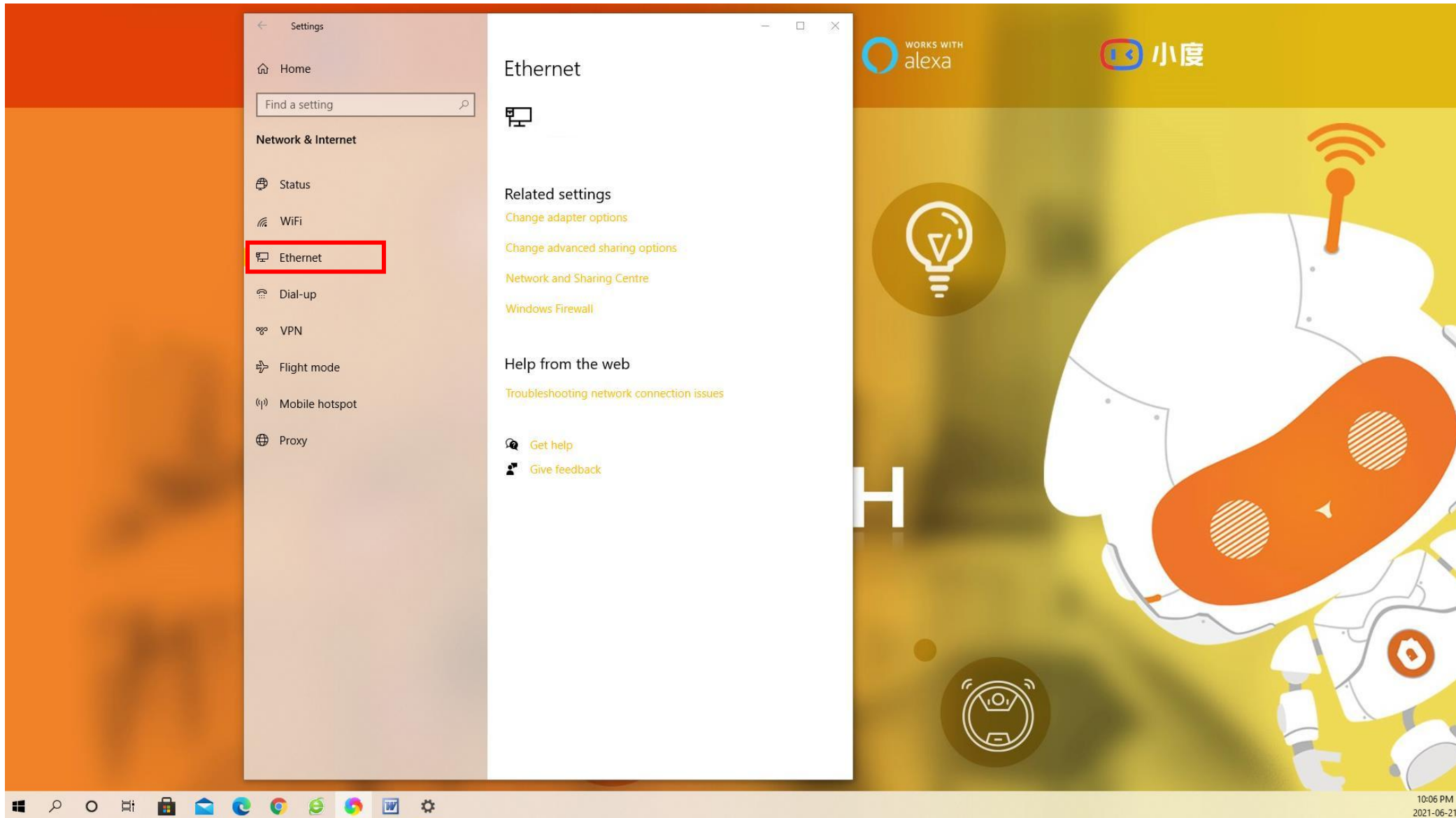


AP Change Password Setting:

Step 1: Open your computer to the settings page, and Choose “Network & Internet”



Step 2: Choose “Ethernet”



The image shows a Windows 10 desktop with the Settings application open. The left sidebar is titled "Settings" and lists various categories under "Network & Internet": Status, WiFi, Ethernet (highlighted with a red box), Dial-up, VPN, Flight mode, Mobile hotspot, and Proxy. The main pane displays the "Ethernet" settings page, which includes a "Related settings" section with links for "Change adapter options", "Change advanced sharing options", "Network and Sharing Centre", and "Windows Firewall". Below this is a "Help from the web" section with a link for "Troubleshooting network connection issues" and two options: "Get help" and "Give feedback". The desktop background is a yellow and orange illustration of a robot head with a lightbulb icon and a Wi-Fi signal icon. In the top right corner, there are logos for "WORKS WITH alexa" and "小爱" (Xiao Ai). The taskbar at the bottom shows the Start button, search icon, and several application icons. The system tray in the bottom right corner displays the time "10:06 PM" and the date "2021-06-21".

Step 3: Choose “Ethernet”,and Click :Properties

The screenshot displays the Windows Settings application with the 'Ethernet' page selected. The 'Network and Sharing Centre' window is open, showing the 'Ethernet' network status. A red box highlights the 'Access type: Internet' and 'Connections: Ethernet' text. The 'EthernetStatus' window is also open, showing the 'General' tab with network details. A red box highlights the 'Properties' button at the bottom of the 'EthernetStatus' window.

Settings - Ethernet

Home

Find a setting

Network & Internet

Network and Sharing Centre

Control Panel > Network and Internet > Network and Sharing Centre

View your basic network information and set up connections

View your active networks

Ethernet
Private network

Access type: Internet
Connections: Ethernet

Change your networking settings

Set up a new connection or network
Set up a broadband, dial-up or VPN connection, or set up a router or access point.

Troubleshoot problems
Diagnose and repair network problems or get troubleshooting information.

See also
Internet Options
Windows Defender Firewall

EthernetStatus

General

Connection

IPv4 Connectivity:	Internet
IPv6 Connectivity:	Internet
Media State:	Enabled
Duration:	02:14:39
Speed:	1.0 Gbps

Details...

Activity

Bytes:	Sent: 16,942,809	Received: 383,044,584
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Properties Disable Diagnose

Close

10:09 PM
2021-06-21

Step 4: Double click on the “Internet Protocol Version4(TCP/IPv4)”

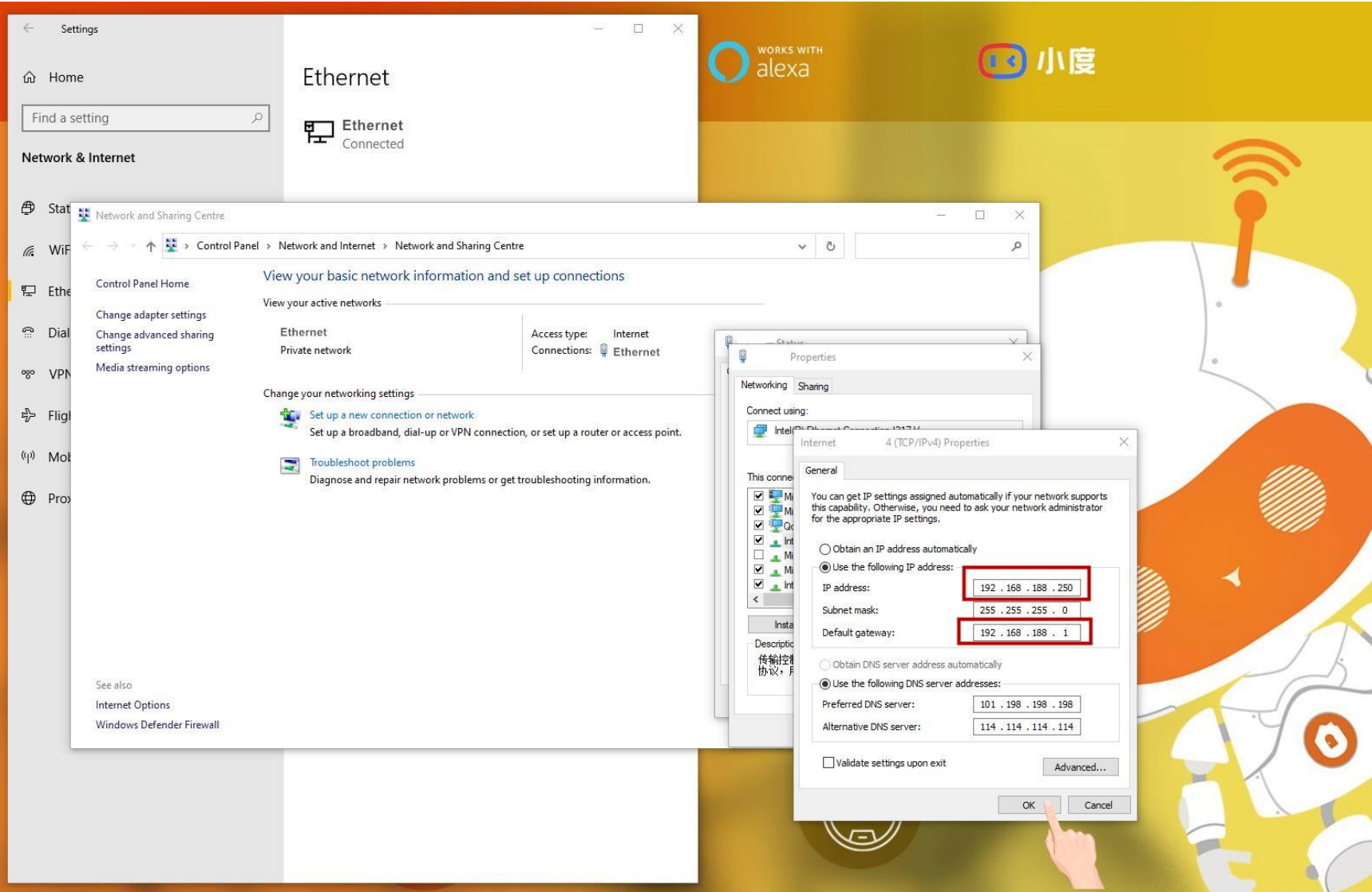
The screenshot illustrates the process of configuring an Ethernet network connection in Windows. It features three overlapping windows:

- Settings (Ethernet):** Shows the 'Ethernet' settings page with a 'Connected' status.
- Network and Sharing Centre:** Displays the 'View your basic network information and set up connections' page. The 'Access type' is set to 'Internet' and 'Connections' to 'Ethernet'. It offers options to 'Set up a new connection or network' or 'Troubleshoot problems'.
- Properties (Networking):** Shows the 'Properties' dialog for the 'Intel(R) Ethernet Connection I217-V'. Under 'This connection uses the following items:', the 'Internet 4 (TCP/IPv4)' option is checked and highlighted with a red box, indicating the step to be performed.

The background of the desktop features a yellow and orange graphic with a stylized robot head and logos for 'WORKS WITH alexa' and '小度'.

10:10 PM
2021-06-21

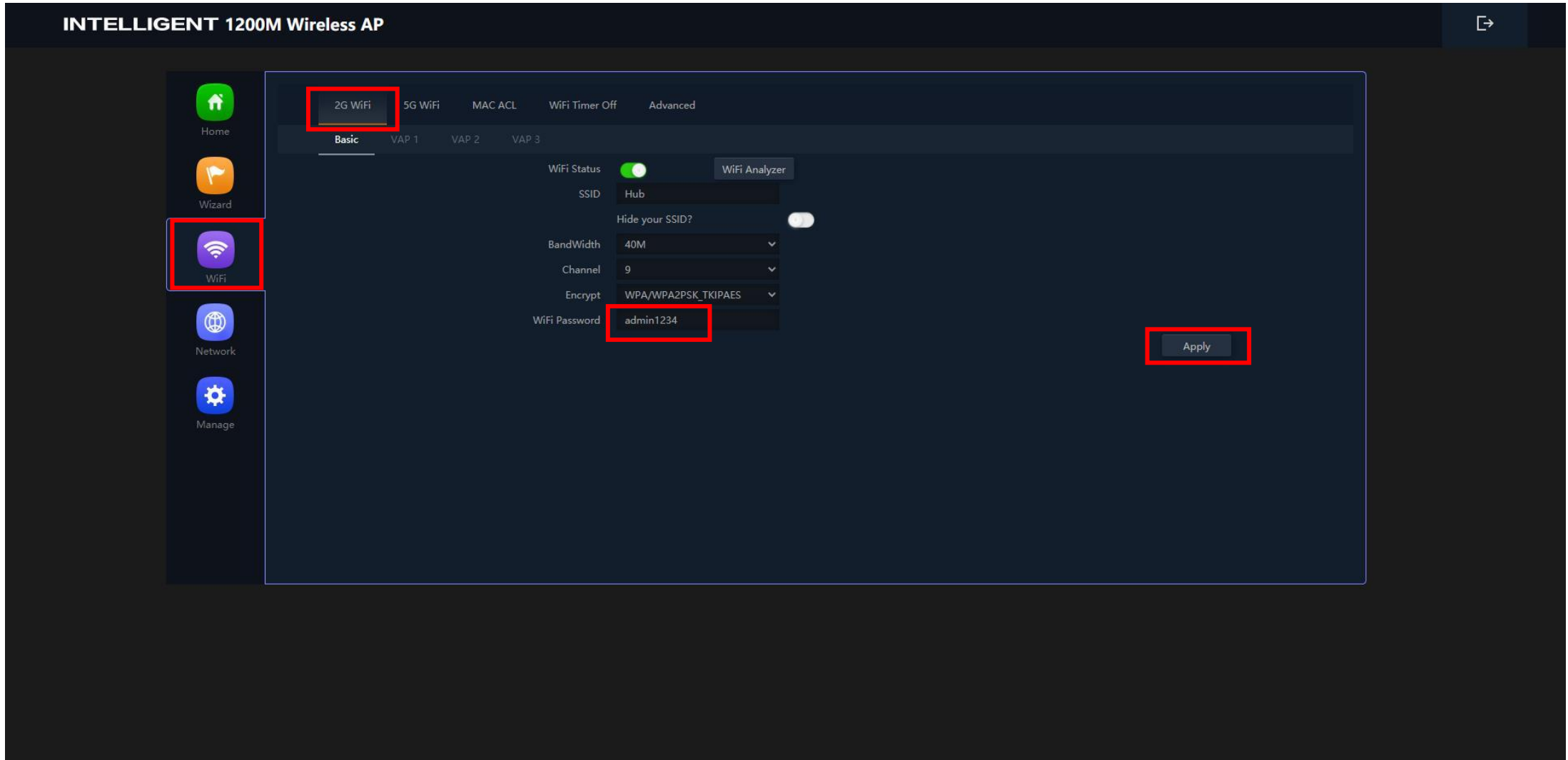
Step 5: Enter **192.168.188.250** in the IP address bar
Default Gateway Enter **192.168.188.1**
Press the Ok button



Step 6: Enter 192.168.188.253 in the IP address bar
Default Login Password: admin
Press the Login button

The screenshot shows a web browser window with the title 'Intelligent Wireless AP'. The address bar contains the IP address '192.168.188.253'. The page content includes the text 'INTELLIGENT 1200M Wireless AP' and a login form. The login form has a label '* Login Device' and a text input field containing 'admin'. A green 'Login' button is next to the input field. The page also features a language selector with '简体中文' and 'English' options, and a version number 'Version : FIT-4200-AP-V5.7-Build20210331094042' at the bottom.

Step 7: Select 2G WIFI
Change password
Apply



Step 8: Select 5G WIFI
Change password
Apply

The screenshot displays the configuration page for an INTELLIGENT 1200M Wireless AP. The interface is dark-themed with a sidebar on the left containing icons for Home, Wizard, WiFi, Network, and Manage. The main content area has a top navigation bar with tabs for 2G WiFi, 5G WiFi (highlighted with a red box), MAC ACL, WiFi Timer Off, and Advanced. Below this, there are sub-tabs for Basic, VAP 1, VAP 2, and VAP 3. The Basic tab is active, showing the following settings:

- WiFi Status: (with a WiFi Analyzer button)
- SSID: Smarth AP 5.8
- Hide your SSID?:
- BandWidth: 40M
- Channel: 153
- Encrypt: WPA/WPA2PSK_TKIPAES
- WiFi Password: smarth1234 (highlighted with a red box)

An Apply button (highlighted with a red box) is located at the bottom right of the configuration area. The top left of the interface shows the title "INTELLIGENT 1200M Wireless AP" and a home icon in the top right corner.