



The image shows a web interface for ALFA NETWORK. At the top is the logo "ALFA" in large, bold, black letters, with "NETWORK" in smaller, spaced-out black letters below it. Below the logo is a white rectangular box containing the title "Access Point Login" in a large, grey font. Underneath the title is a smaller grey instruction: "Please enter your username and password.". There are two input fields: the first is labeled "root" and has a user icon to its right; the second is labeled "Password" and has a lock icon to its right. At the bottom of the white box is a blue button with a right-pointing arrow and the text "Login".

MATRIXPRO 2's Function Settings

Please follow the teaching steps to configure.

- 1) Open Wizard Settings by clicking on **Wizard** on the left control menu.

The MatrixPor2 is an 802.11 ac/a/b/g/n MIMO WiFi AP. The main chip of this device, Atheros IPQ4018, is a 2.4G+5G dual band 802.11 ac/a/b/g/n network AP/CPE controller . It provides advanced baseband and transceiver features associated with 10/100/1000Mbps interfaces.

The baseband block of the chip implements Multiple Input Multiple Output (MIMO) OFDM with two transmit and two receive path and it is compatible with IEEE802.11n specification. The RF bandwidth for this device can be 20M, 40M,80MHz. The maximum wireless speed for 2.4G 300Mbps and 5G are 866Mbps respectively. Since this device supports dual band concurrent, the theoretical wireless speed can be up to 1200Mbps.

Besides software driver, this product provides a user friendly utility to monitor connection speed, wireless signal strength and signal quality.

It support RF connector for the 5GHz and 2.4GHz that support 2X2

Wizard Settings HOME > WIZARD SETTINGS

2.4GHz (Radio 0)

Radio: Enable
AP SSID: Enable
Security Settings: No Security

5GHz (Radio 1)

Radio: Enable
AP SSID: Enable
Security Settings: No Security

Back Save

1) Radio: The default Radios is on. You can enable the radio according to your needs.

Wizard Settings HOME > WIZARD SETTINGS

2.4GHz (Radio 0)

Radio: Enable
AP SSID: AP120C-AC 2.4G
Security Settings: No Security

5GHz (Radio 1)

Radio: Enable
AP SSID: AP120C-AC 5G
Security Settings: No Security

Back Save

2) AP SSID: The default AP SSID of 2.4GHz Radio is "AP120C-AC 2.4G", and 5GHz Radio is "AP120C-AC 5G". You can be modified and the SSID length is up to 32 characters.

Wizard Settings

HOME > WIZARD SETTINGS

2.4GHz (Radio 0)

Radio

Enable

AP SSID

AP120C-AC 2.4G

Security Settings

No Security

No Security

WEP

WEP Shared Key

WPA2 PSK

WPA/WPA2 PSK MIXED

WAP2 Enterprise

WPA/WPA2 Enterprise

← Back

→ Save

5GHz (Radio 1)

Radio

Enable

AP SSID

AP120C-AC 5G

Security Settings

No Security

No Security

WEP

WEP Shared Key

WPA2 PSK

WPA/WPA2 PSK MIXED

WAP2 Enterprise

WPA/WPA2 Enterprise

1) Security settings: It allows you to use encryption provide association authentication to secure your data, and you can select different security policy.