MATRIXPRO 2's Function Settings
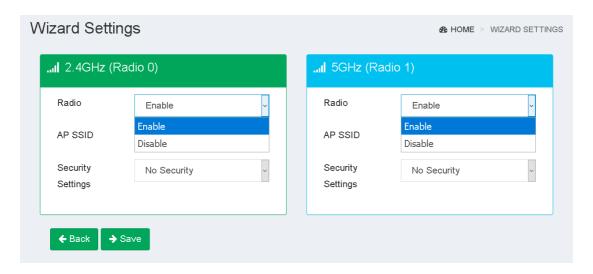
Please follow the teaching steps to configure.

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, Atheors 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.
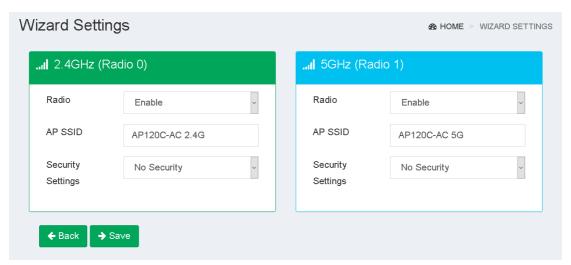
The baseband block of the chip implements Multiple Input Multiple Output (MIMO) OFDM with two transmit and two receive path and it is compatible with IEEE802.11n specification. The RF bandwidth for this device can be 20M, 40M,80MHz. The maximum wireless speed for 2.4G 300Mbps and 5G are 866Mbps respectively. 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.
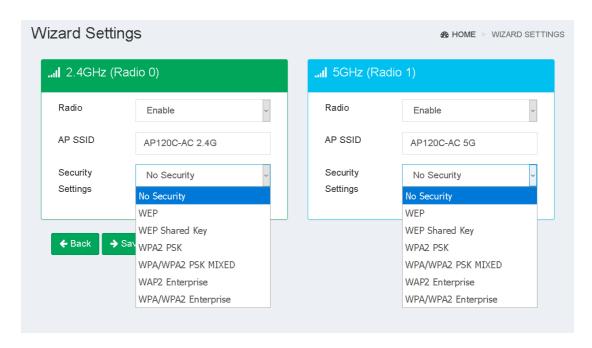
It support RF connevtor for the 5GHz and 2.4GHz that support 2X2

.ull 2.4GHz (Radio 0)

Radio	Enable
	Enable
AP SSID	Disable
Security Settings	No Security

.ull 5GHz (Radio 1)

Radio	Enable
	Enable
AP SSID	Disable
Security Settings	No Security

← Back → Save

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

.ull 2.4GHz (Radio 0)

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

.ull 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.

📶 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

📶 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

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