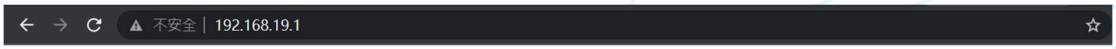
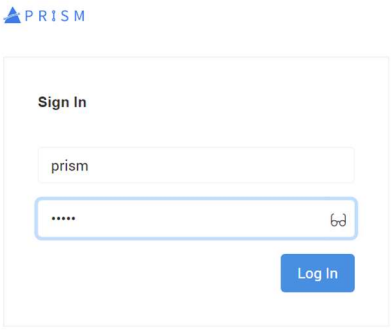
How to Change the Wireless Channel and Channel Width

In Wi-Fi, the frequency band is divided into channels, and devices communicate over these channels. For example, in the 2.4 GHz band, there are channels numbered from 1 to 11 (in some regions, it might go up to 14). In the 5 GHz band, there are many more channels available, providing greater flexibility and reducing interference.

Channel width refers to the amount of frequency spectrum assigned to a wireless communication signal. The channel width affects the data transfer rate and the amount of spectrum space a network uses. In Wi-Fi, you'll often hear about 20 MHz, 40 MHz, 80 MHz, or even 160 MHz channel widths. You can follow the steps below to adjust wireless channel and channel width for MI10 and MO10.

1. Access the device settings menu via Ethernet.
   (1) Configure your PC's IP setting to static and then set the IP address to any address from 192.168.19.2 to 192.168.19.250
   (2) Connect your PC's network port to the device WAN port.
   (3) Enter the IP address 192.168.19.1 in your browser.
   (4) In the PRISM login screen use the following login:
   Username: prism
   Password: prism



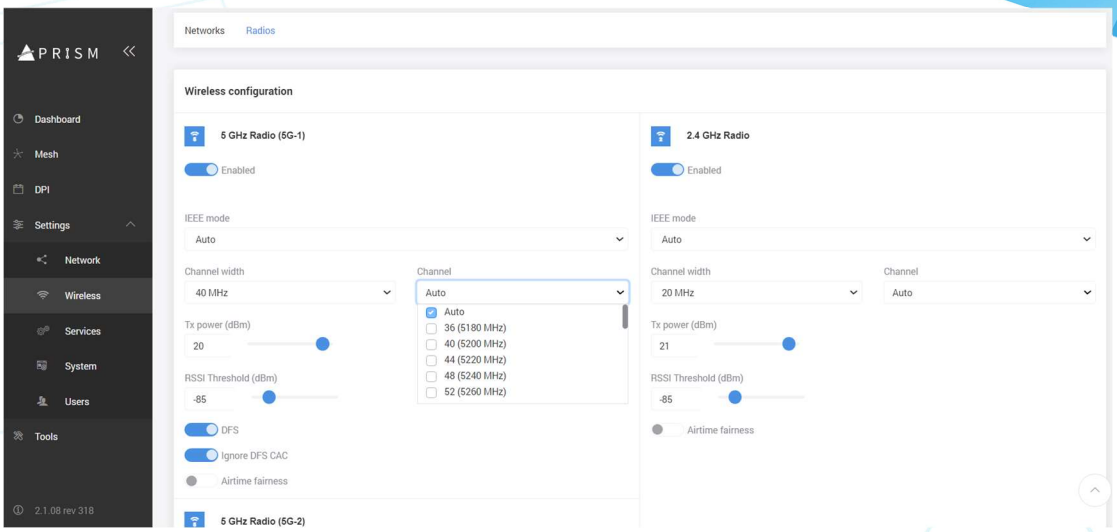


Note:
1. If the device IP address and username/password have been changed, please use the new IP address and username/password to login.
2. You can refer to the Quick Start Guide for more information on how to login device.

2. After logging in to the device's web GUI, navigate to the Settings/Wireless/Radio to show the

wireless radio settings page.

3. Select the radio interface that you want to adjust the wireless channel and channel width.



Note:

1. You can select Auto(for all channels) or multiple channels, it would use the most clear channel to use automatically.
2. It supports channels 36 to 161 for 5GHz radio and channels 1 to 13 for 2.4GHz radio, depending on the region.
3. It supports 20/40/80MHz for 5G-1, 20/40/80/160MHz for 5G-2, and 20/40Mhz for 2.4G for channel width setting.