ARIA3625/ARIA3626/ARIA3629

Wi-Fi 7 Router

User's Guide

Version 1.0 - 10/2024

hitron

Table of Contents

1

ARIA3x2x Introduction

The ARIA3x2x is a high-performance Wi-Fi 7 router equipped with tri-band capabilities, multiple Ethernet ports, and voice support (ARIA3629). Designed to provide exceptional speed, coverage, and capacity, it enhances Wi-Fi performance in modern homes, eliminating dead zones and ensuring stable connections for multiple devices. Its future-ready design and support for advanced features like 4096 QAM, Multi-Link Operation, and seamless roaming make it ideal for bandwidth-heavy applications like video streaming, gaming, and video conferencing.

1.1 Router Mode

Your ARIA3x2x can be used as a Wi-Fi router. It will be the control tower of your Wi-Fi network. You will be able to configure and manage Wi-Fi parameters of your home and get all your Wi-fi device connected to it. Go to Section 2 for more details.

Router Mode Topology

1.2 Tips to install your ARIA3x2x at the best location

- Keep your device clear from any objects. Wi-Fi signal will travel less if blocked by objects or walls (especially concrete, metal, other electronics, wood, …)
- An Ethernet backhaul will always be the most stable backhaul no matter the distance to the router. Cat5e Ethernet cable (or higher) are recommended for a 1000Mbps backhaul.
- The ARIA3x2x Wi-Fi radiation pattern is optimized to maximize reach horizontally, in all directions. You should locate the router in a central place in your home to maximize reach and coverage.
- To maximize your ARIA3x2x performance, place your device where it will connect to the 6G or 5G band. ARIA3x2x should always be at least 2 walls or 1 flooraway from your gateway/router.

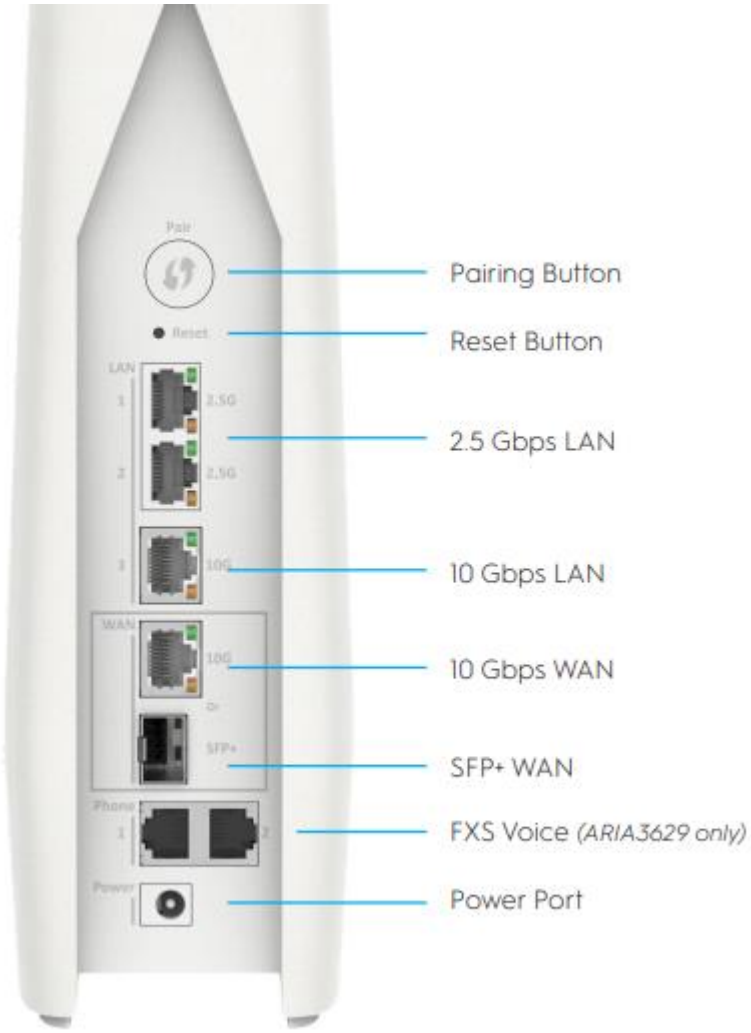
1.3 Key Features

The ARIA3x2x provides:

- Simultaneous Tri-band Wi-Fi 7
  - 4×4 2.4GHz 802.11be
  - 4×4 5GHz 802.11be
  - 4×4 6GHz 802.11be
- 4096 QAM support on all bands (2.4GHz / 5GHz / 6GHz)
- 320MHz channel support on 6GHz band
- Multi-Link Operation (Single radio / Dual radio)
- Seamless roaming using 802.11k, r, v
- Client steering & channel optimization
- MU-MIMO capable for simultaneous data streaming
- One SPF+, two 10 GigE and two 2.5 GigE
- Two FXS Voice Ports (ARIA3629 only)
- Link Aggregation
- TR-069, TR-369, USP Support
- Bluetooth Onboarding

1.4 Hardware Connections

This section describes the ARIA3x2x's physical aspect, ports and buttons.



Hardware Connections

Pairing Button	The Pairing Button has two functions. WPS Press this button to begin the WiFi Protected Setup (WPS) Push-Button Configuration (PBC) procedure
RESET Button	Use this button to reboot or reset your ARIA3x2x to its factory default settings. (Refer to Section 1.6 and Section 1.7 of this document).
2.5 Gbps LAN Port	Use this port to connect the local network computers and/or other network devices, using a Category 6/6A Ethernet cable with RJ45 connectors. NOTE: Use of a Category 6A (augmented category 6) cable

	is recommended in order to make use of the highest possible data rate. If you use a Category 5 cable, the data rate is limited to 100Mbps.
10 Gbps LAN Port	Use this port to connect the local network computers and/or other network devices, using a Category 6/6A Ethernet cable with RJ45 connectors. NOTE: Use of a Category 6A (augmented category 6) cable is recommended in order to make use of the highest possible data rate. If you use a Category 5 cable, the data rate is limited to 100Mbps.
10 Gbps WAN Port	Use this port to connect to the Wide Area Network/Internet, usually to the Internet provider's modem or router. using a Category 6/6A Ethernet cable with RJ45 connectors. NOTE: Use of a Category 6A (augmented category 6) cable is recommended in order to make use of the highest possible data rate. If you use a Category 5 cable, the data rate is limited to 100Mbps
SFP+ WAN	This port supports SFP+ (SFF-8431) module, use this port to connect to the Wide Area Network/Internet.
FXS Voice Port (ARIA3629 only)	Use these ports to connect your analog phones for VoIP services, using cables with RJ11 connectors.
POWER	Use this port to connect to the 12v/4.5A power adapter provided with your ARIA3x2x. The power input between 110-240VAC, 50/60Hz The device in an environment between 0°C (32°F) – 40°C (104°F). NEVER use another power adapter with yourARIA3x2x. Doing so could harm your ARIA3x2x.

1.5 LED Behavior

This section describes the ARIA3x2x's LED (light).

LED Behavior Details

LED COLOR	STATUS	DESCRIPTION
Green	Solid	Power up
Green	Slow Blinking	The system is booting.
White Green	Alternating	The Wi-Fi is enabled and establishing theconnection.
White	Slow Blinking	The system is ready and waiting to be paired.
White	Solid	The system is ready and active (normal state).
Cyan	Solid	The system is ready and active, but the Wi-Fi isdisabled.
White Cyan	Alternating	Activity detected. Initial setup and/or software update is in progress.
Purple	Blinking (up to 2 minutes)	WPS connection is being established.
Purple	Solid (60 seconds)	WPS synchronization is successful.
Amber	Solid	Wireless backhaul signal is weak.
White Red	Alternating	No connection to Wi-Fi modem or router.
Red	Blinking	One of the LAG lines are down. SFP is up / Ethernet is down SFP is down / Ethernet is up
Red	Solid	Hardware failure
Red Green Blue	Color Cycle	Factory Reset is in progress.
White Purple	Alternating	Onboarding process.

BLUE	Solid	A phone is off hook

NOTE: You can disable/enable the LED when in normal state. Refer to Section 4.7.6.

1.6 Rebooting the ARIA3x2x

Rebooting the ARIA3x2x may be required if you want the unit to do a self-check and restart its Wi-Fi. Doing so, all connected devices will be disconnected from that ARIA3x2x while it is rebooting and will reconnect when active.

There are 4 ways to reboot your ARIA3x2x:

1. Push the reset button (pin hole) for less than 10 seconds.

2. Go in the Advanced settings section of the GUI to find the "Reboot" button at the bottom of the page. (Refer to Section 4.7.1)

3. From the mobile app, find the ARIA3x2x in the My Networks list from the Plus menu and tap on it. Find the "Restart" button at the bottom of the Device information page.

4. You can simply unplug/plug your ARIA3x2x. If it loses power, it will also reboot.

Using any of the above action will restart the ARIA3x2x. It will perform its full reboot sequence and return to active state in less than 2 minutes.

1.7 Reset the ARIA3x2x to its factory default settings

When you reset the ARIA3x2x to its factory default settings, all user-configured settings are lost, and the ARIA3x2x is returned to its initial configuration state. The ARIA3x2x will be returning to the initial setup ready state. Doing so, all connected devices will be disconnected from that ARIA3x2x.

Note: Factory Reset can be triggered after the booting phase (when it is slowly blinking green)

There are 3 ways to do a factory reset to your ARIA3x2x:

1. Press and hold the Reset button for at least ten (10) seconds and release it.

2. Go in the Advanced settings section of the local web GUI to find the "Factory reset" button at the bottom of the page. (Refer to Section 4.7.1)

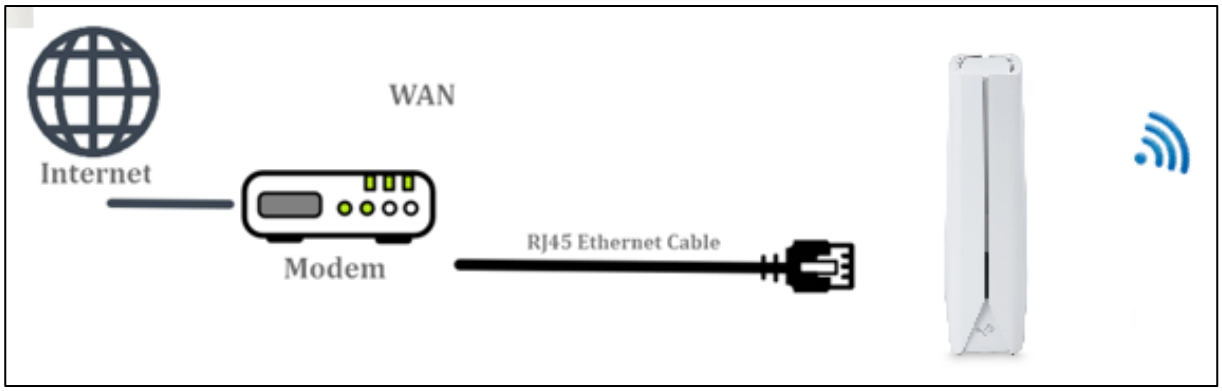
3. From the mobile app, find the ARIA3x2x in the My Networks list from the Plus (3-dots) menu and tap on it. Go in the Advanced section to find the "Factory reset" button at the bottom of the page.

When factory reset is activated, the ARIA3x2x LED will alternate Red/Green/Blue to tell the user the command is accepted. Then, the ARIA3x2x will do a full reboot and will be ready for an initial setup.

2

The Router Mode

A router connects your devices to your home network (also known as a Local Area Network or LAN) or Wi-Fi network and then your devices can wirelessly communicate with each other. A router does not connect you to the Internet by itself. Typically, your Internet Service Provider (ISP) provides you with a modem to access Internet connection. The router will be connected to your modem via Ethernet and connects your devices to your home network or Wi-Fi network, which then enables your devices to communicate wirelessly and connect to the Internet.



2.1 Router Mode Overview

When you do not have a Hitron router/gateway, your first ARIA3x2x should be configured as the Hitron router of your network. In router mode, ARIA3x2x will become the control tower of your network. It creates a manageable local area network and share your Internet service to multiple devices through wired or wireless connections. Your network should only have one ARIA3x2x configured as router. It must be the one connected via Ethernet wire (provided) to the modem provided by your Internet service provider. Internet source can be from whatever technology: cable, fiber, 5G, satellite…

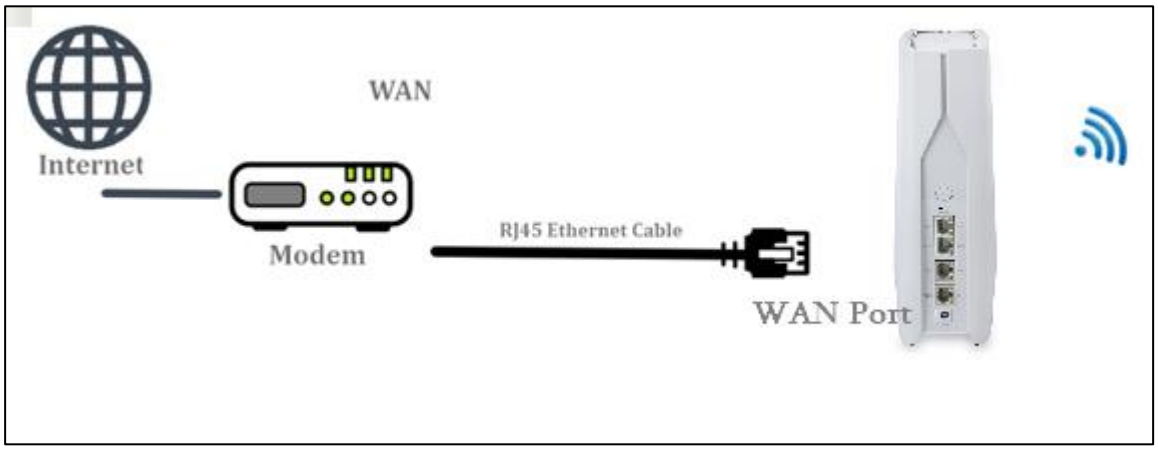
Warning: If that 3rd party modem also provides Wi-Fi, it will be important that you turn that device into bridge mode to let the ARIA3x2x manage your network's router functions. If you are not doing so, your network will not behave properly, or you will lose Wi-Fi experience quality. Your ARIA3x2x private network NAT (Network Address Translation) could conflict with the modem NAT.

2.2 Router Mode Initial Setup

After connecting your ARIA3x2x with an Ethernet cable to your modem and powering up your device, there are 2 different process to configure the ARIA3x2x as a router: via the Mobile App, via default Wi-Fi. Discover below the method that will fit best your needs.

Note: You cannot setup your ARIA3x2x with your laptop/computer connected via Ethernet. Complete initial setup via the Mobile App or the EasyConnect default Wi-Fi before connecting laptop/computer. The Ethernet ports are WAN ports by default before setup. They will get setup as WAN or LAN during the initial setup phase.

Use a RJ-45 Ethernet cable (CAT6/6a recommended for the10G connection) to connect your Internet service provider's modem to your ARIA3x2x WAN port, the LAN port that you connected to your ISP modem will be selected as the WAN (Wide Area Network) port of your ARIA3x2x.



2.2.1 Use the Mobile App

Hitron offers a mobile app to setup and manage your device. Your service provider is probably supporting its own version of the app. If not, download MyHitron+ app from the app stores (Apple Store or Google Play) and install it on your mobile device. Details of the app can be found in Section 6 of this document.

1. If it is the first time you use the app, you will have to create/login to an account before starting. Follow instructions from the app.

2. After login steps completed, the app will walk you through the process to install your ARIA3x2x as a Hitron router:

   - Select the model you want to install: ARIA3x2x
   - Make sure your ARIA3x2x well located (Refer to Section 1.2), connected to your modem with Ethernet cable, powered on and ready for the initial setup (LED slow blinking white)
   - Let your mobile device discover your ARIA3x2x via Bluetooth (Make sure Bluetooth is enabled on your mobile device).

3. Once the communication established between the ARIA3x2x and your mobile device, configure your network:

   - Set your administrator password
   - Set your Wi-Fi network credentials
   - Name your ARIA and set time zone, country, and LED behavior.
   - ARIA3x2x is now fully configured. It will check in the cloud if a newer firmware is available to download. If yes, it will download it.
   - ARIA3x2x will then reboot to apply all settings and/or firmware.

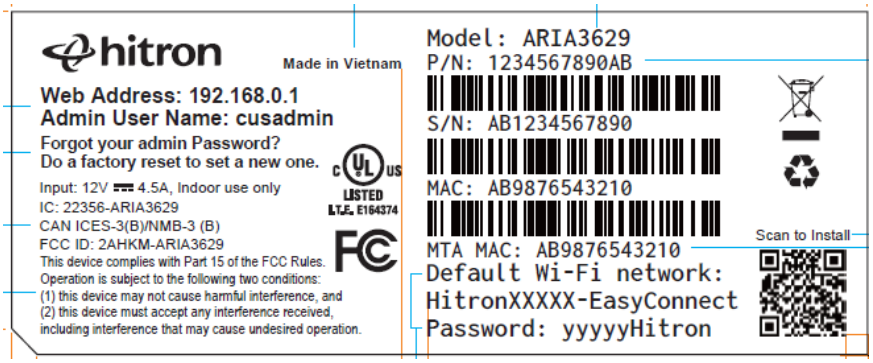
2.2.2 Use EasyConnect setup via default Wi-Fi

EasyConnect is a Hitron proprietary onboarding feature that will help you to setup your ARIA3x2x. It will use the default Wi-Fi network (SSID) for the setup. It is offered in multiple languages that you can select at the top left of the EasyConnect pages.

2.2.2.1 Find the Default Wi-Fi Name (SSID)

You can find this default Wi-Fi name (Unique to your 3x2x) on the bottom label. It

should look like HitronXXXXX-EasyConnect (where XXXXX is last 5 characters of its MAC).

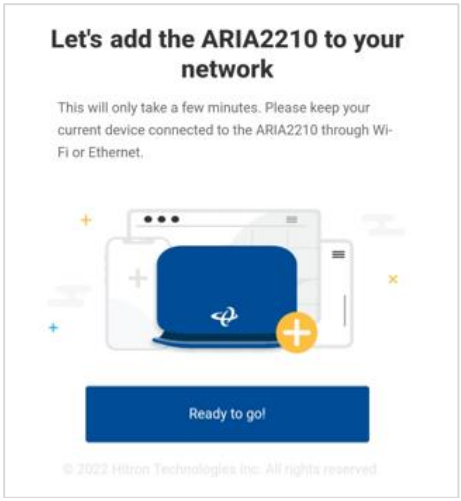


2.2.2.2 Connect to the Default Wi-Fi

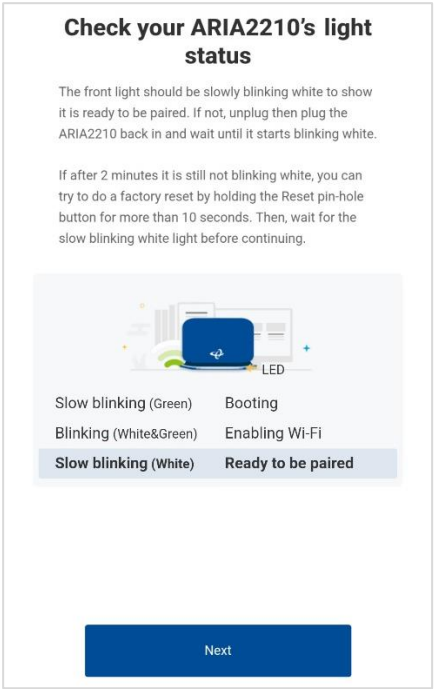
On your mobile device, go to Wi-Fi Settings and find the ARIA3x2x s default SSID.

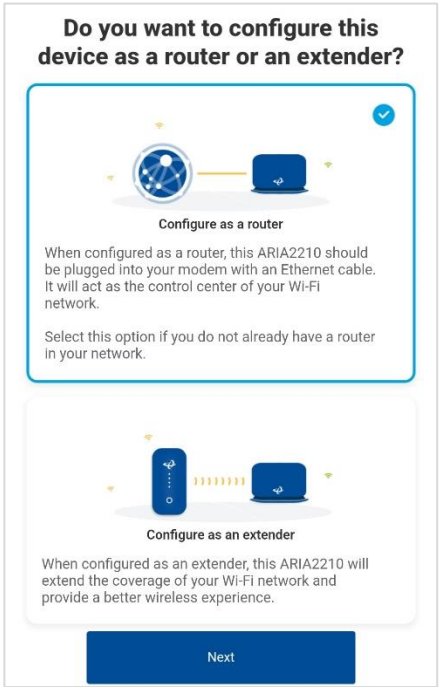
1 After connecting your mobile device to the ARIA3x2x's default SSID "HitronXXXXX-EasyConnect", a popup will redirect you to the EasyConnect page (shown below). Click Ready to go! to start the setup.

Note: If it is not starting, open a browser and go to URL: 192.168.0.1 or browse any web page. It should redirect you to the ARIA3x2x EasyConnect page.



2 Ensure your LED is slowly blinking white and then, select the **Configure as a router** then click Next.

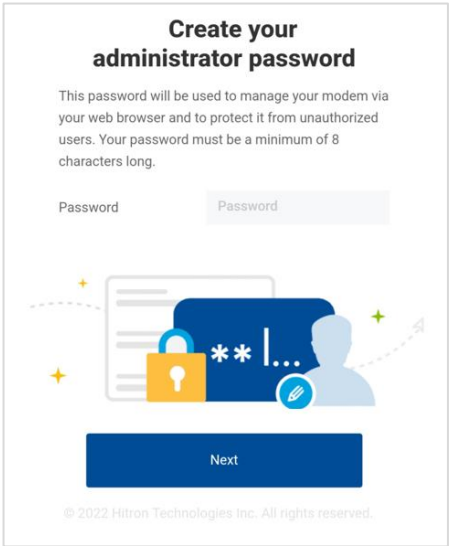




3 Create/Type what you will use as administrator password. Then click Next.

Note: Administrator password must:

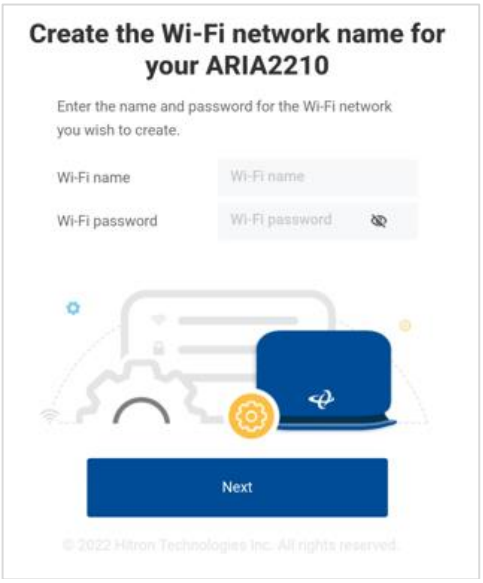
- Contain at least 8 characters
- Not start or end with a space



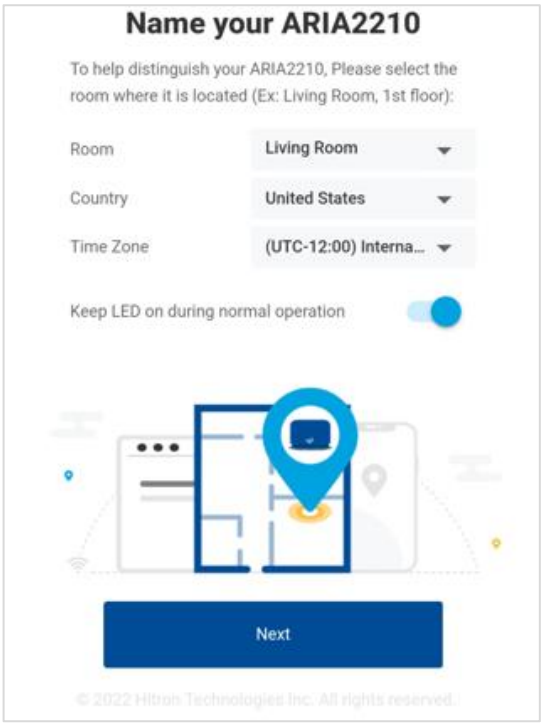
4 It is time to decide the name of your Wi-Fi SSID and set the password to access it. Type what you will use as the Wi-Fi name (SSID) and Wi-Fi password for your network then click Next.

Note: Wi-Fi Password must:

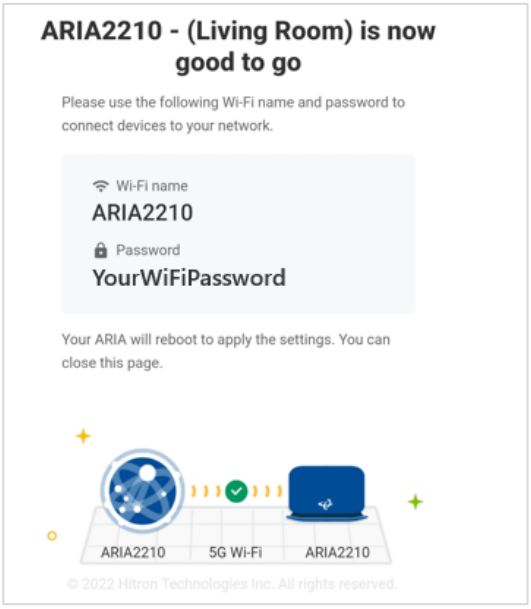
- Your password must be between 8 and 63 characters long



5 Select the location, country and time zone for your ARIA3x2x then click Next.



6 Your ARIA3x2x will now check for available FW upgrade and restart to apply the configuration. Once rebooted, use the Wi-Fi name and Password that you just set to connect your devices to your network.



2.3 Local management GUI

The ARIA3x2x has a local web Graphical User Interface (GUI) for management. You can use it to find ARIA3x2x system information, to manage your Wi-Fi, to control device behavior and to be informed of which devices are connected to it.

2.3.1 Access your ARIA3x2x user interface

To access the ARIA3x2x's local management GUI, simply type its IP address in your preferred web browser. When configured as a router, your ARIA default IP address is: 192.168.0.1

Refer to Section 4.1 for details

3

Local management GUI

The ARIA3x2x has a local web Graphical User Interface (GUI) for management. You can use it to find ARIA3x2x system information, to manage your Wi-Fi, to control device behavior and to be informed of which devices are connected to it.

Sections below describes the different sections/features found in the web UI.

4.1 Access your ARIA3x2x user interface

To access the ARIA3x2x's local management GUI, simply type its IP address in your preferred web browser.

- The administrator username is cusadmin. It cannot be changed.
- When configured as a router, your ARIA default IP address is: 192.168.0.1

Default Credentials

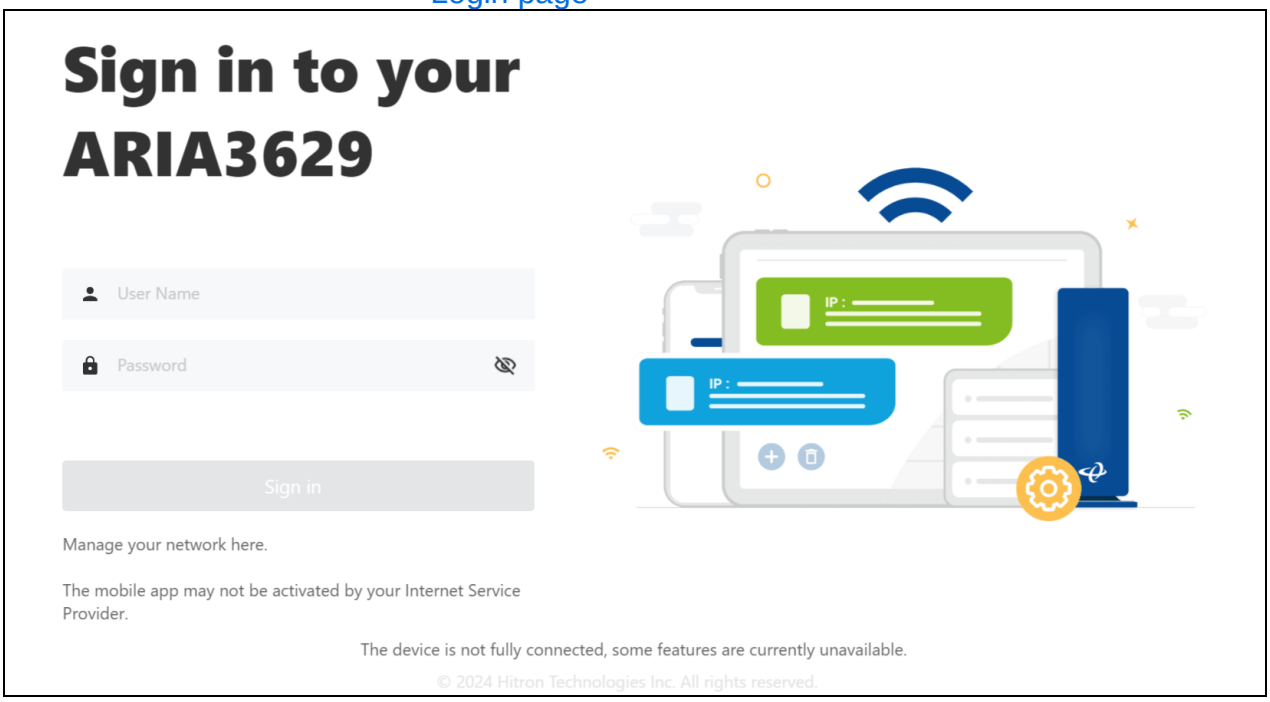
Username	cusadmin
Password	Admin password you have setup or simply the admin password setup for your Hitron gateway/router

Use the following steps to log into the ARIA3x2x's GUI.

1. Launch your preferred web browser from a computer or mobile device that is connected to your network (Wi-Fi or Ethernet).

2. Enter the ARIA3x2x's IP address in the URL bar. The Login screen displays.

Login page



3. Enter the administrator Username (cusadmin) and the Password you have setup in the initial setup phase.

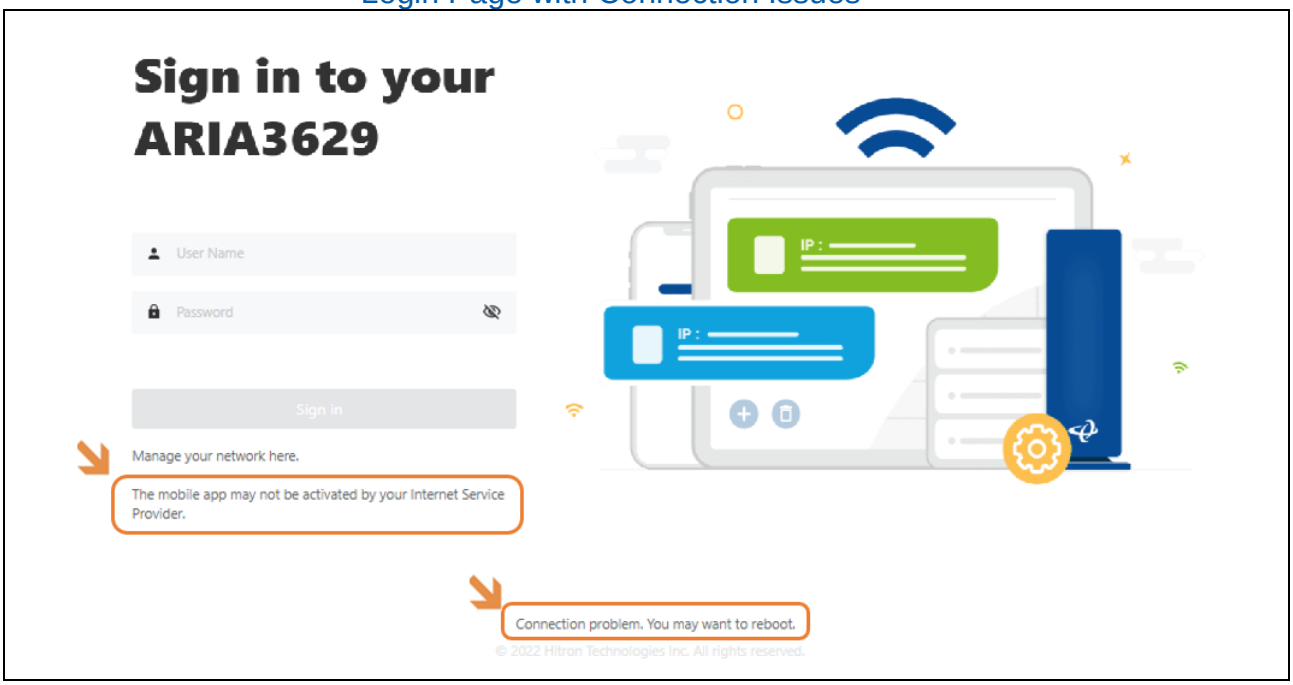
4. Click Sign in

4.1.1 Status notification on Login page

Hitron ecosystem provides feedback to the user if the ARIA3x2x is fully operational. It will make sure that all the Ecosystem is ready, and that the connection is healthy. If a problem comes up, a reboot should solve the problem. If not, customer support could be contacted.

The login page will also advertise the mobile app if available or not. That add will disappear once the user has set up his ARIA3x2x to an app account.

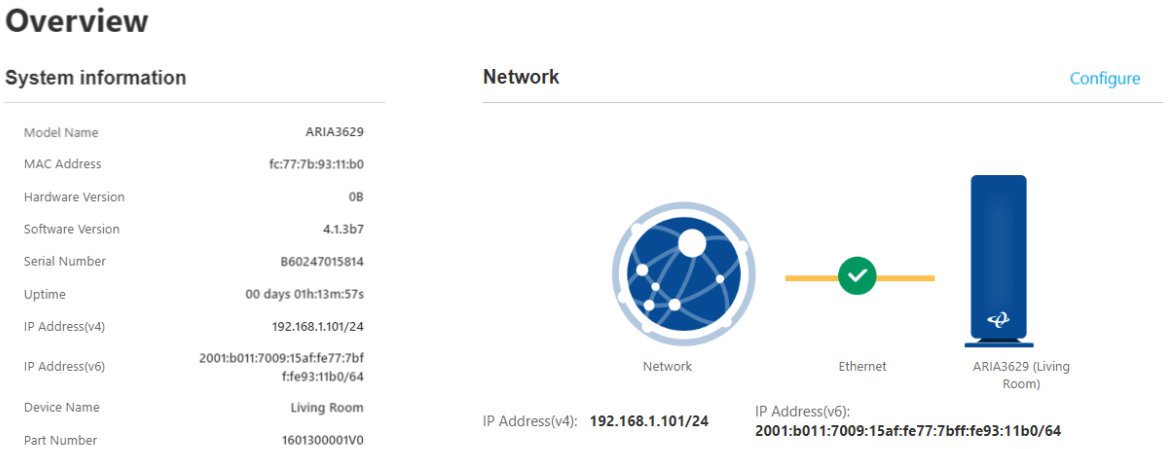
Login Page with Connection Issues



4.2 Overview Page

The overview page offers a high-level view of your ARIA3x2x status.

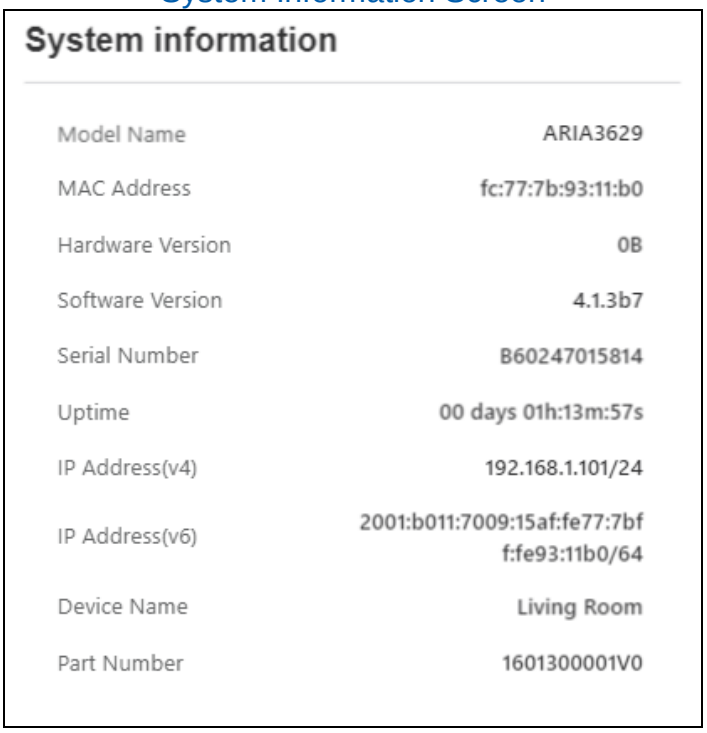
Overview page



4.2.1 System Information

This tile provides the general information about your ARIA3x2x's (hardware, software, IP address, …).

System Information Screen



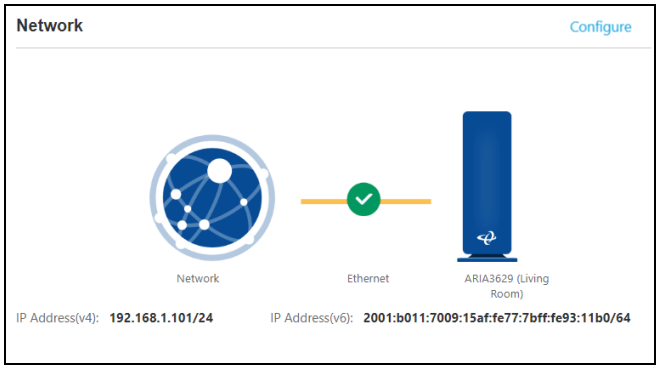
System Information Screen

Model Name	Model name of the ARIA3x2x.
MAC Address	MAC address of the ARIA3x2x.
Hardware Version	Version number of the ARIA3x's physical hardware.
Software Version	Version number of the software
Serial Number	The unique serial number of the ARIA3x2x. If you contact your cable service provider for assistance, they may ask you for this number.
Uptime	It represents amount of time elapsed since the lastreboot
IP Address(v4)	The IPv4 IP address current using by the ARIA3x2x.
IP Address(v6)	The IPv6 IP address current using by the ARIA3x2x.
Device Name	The Name that you named your ARIA3x2x
Part Number	The Part Number of your ARIA3x2x

4.2.2 Network or Backhaul Connection status

This section provides information of your current WAN or backhaul connection.

Router



4.2.3 View Wi-Fi information

This section provides information of your current Wi-Fi network. You will see one network if band steering is enabled (as per below) or details for all your bands if band steering is disabled.

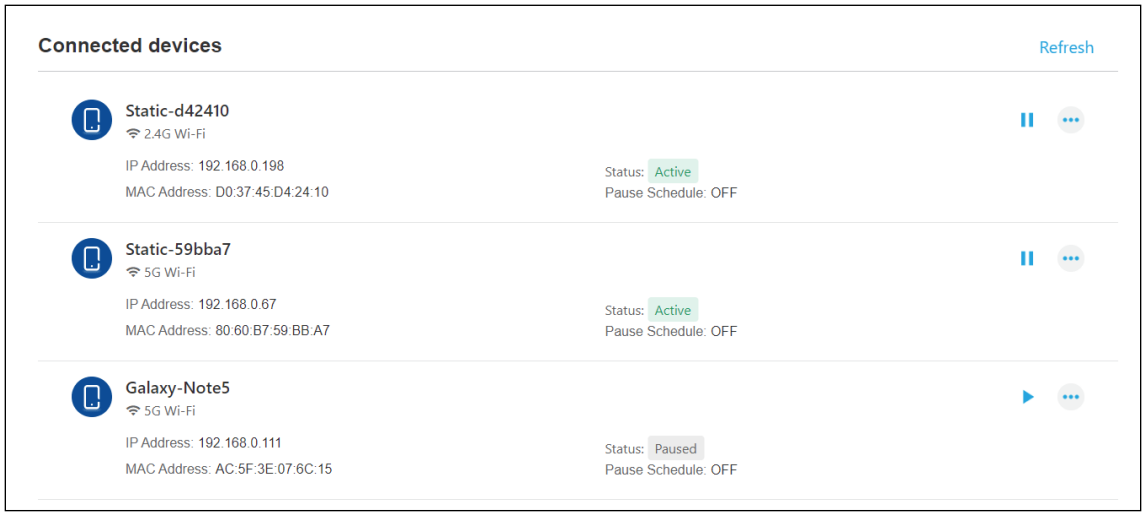
System Information Screen

Configure	Enter Wi-Fi configuration menu.

4.2.4 Connected Devices Information

Connected devices window provides the information of the devices that are connected to your network; it also allows you to pause/ pause schedule or block the device from your network.

- Paused Device: All Internet traffic to the paused device will be blocked. However, the Paused Device will still be able to connect to the network.
- Schedule Pause: A daily scheduled pause can be set per device. The pause will take effect from the start time to the end on the selected day(s) (of the start time).
- Blocked Device: This will prevent the device from connecting to your network (Wi-Fi and the Ethernet).

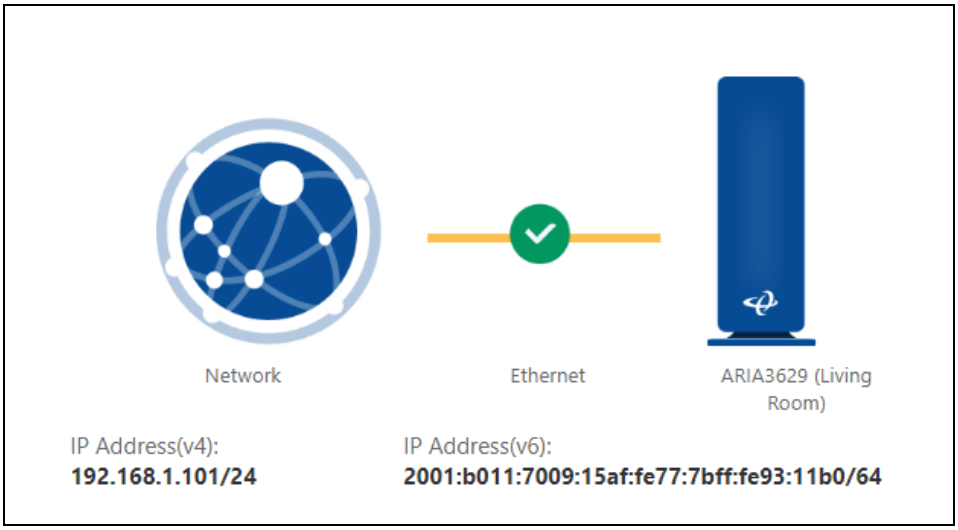


Connected Device Screen

Refresh	To refresh the connected devices list.
Pause	To pause the device.
Editing	To edit device information.
Schedule	Set the Pause time schedule.
Block	To block the device to access to your network.

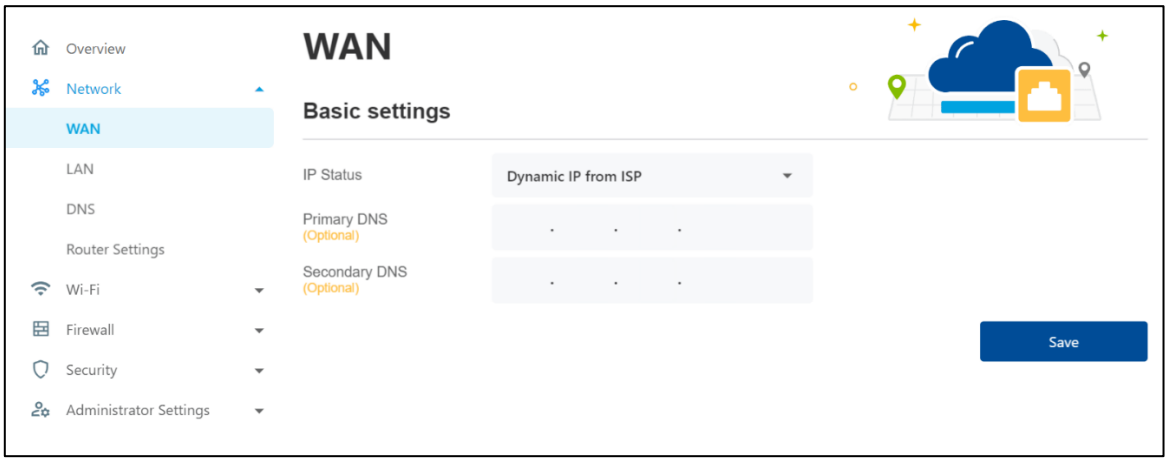
4.3 Network

This section can be found in the router web UI only. Network configuration allows you to configure the router functions of your ARIA3x2x: WAN IP, LAN DHCP pool, address reservation, DNS and Router settings.
Click the Network button from the left drop down menu or the configure button under the Network diagram on the overview page to select the Network settings pages.



4.3.1 WAN configuration

The WAN settings allow you to use either a dynamic IP that is assigned from your ISP and DNS servers(optional) or use a static IP address and DNS servers(optional).

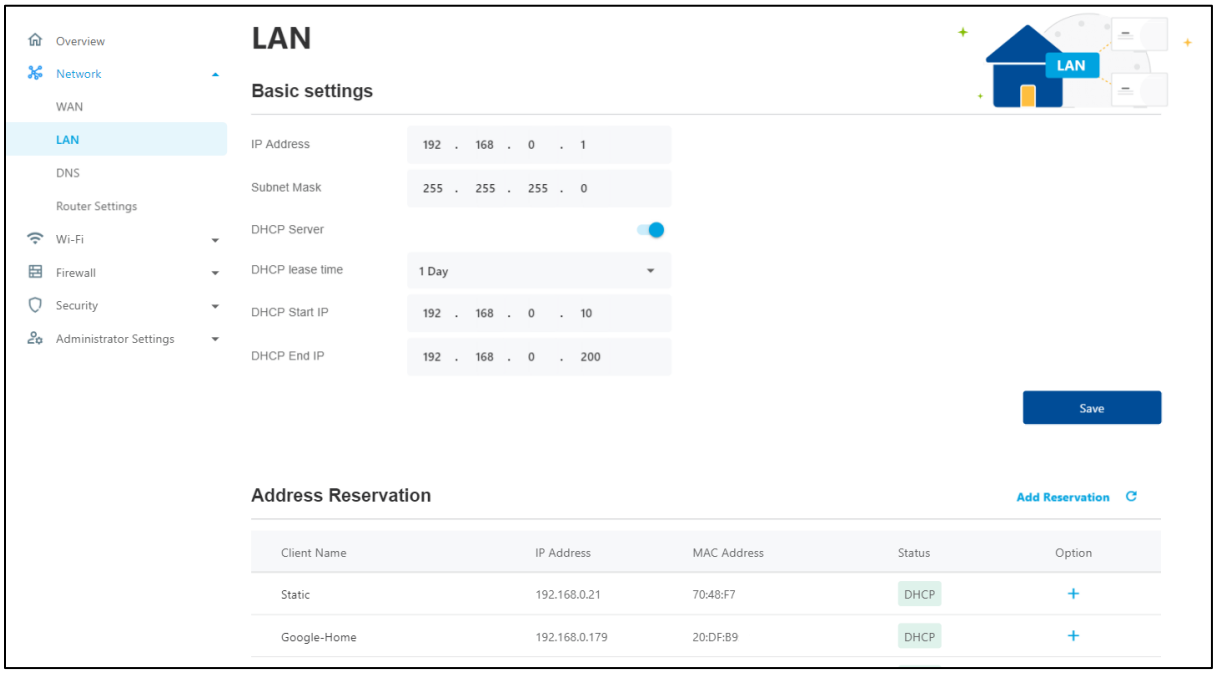


WAN settings

Dynamic IP from ISP	Select this field, your ARIA will take the IP address that assigned from your ISP (internet service provider).
Primary DNS (optional)	Use this field manually assign the primary DNS by enter the sever IP address (optional).
Secondary DNS (optional)	Use this field manually assign the secondary DNS by enter the sever IP address (optional).
Use Static IP Address	Select this field to enter your ARIA3x2x IP address manually.
IP Address	Use this field to assign an IP address to your AIRA3x2x.
Subnet Mask	Use this field to define the WAN subnet.
Default Gateway	Use this field to define the WAN default gateway IP address.
Primary DNS	Use this field manually assign the primary DNS by enter the sever IP address.
Secondary DNS (optional)	Use this field manually assign the Secondary DNS by enter the sever IP address (optional).

4.3.2 LAN configuration

The LAN settings allow you to assign a LAN/Management IP for your ARIA3x2x. It also uses to define a DHCP pool, Address Reservation and DSN servers.



4.3.2.1 Basic Settings

Use the following fields to assign an LAN/Management IP for your ARIA3x2x and define the DHCP pool for your local network.

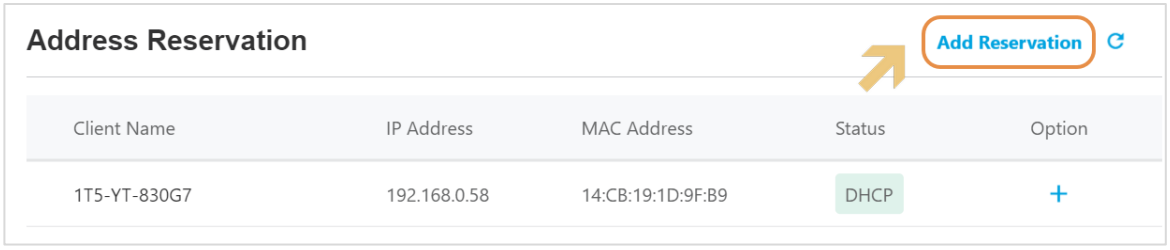
LAN Basic settings

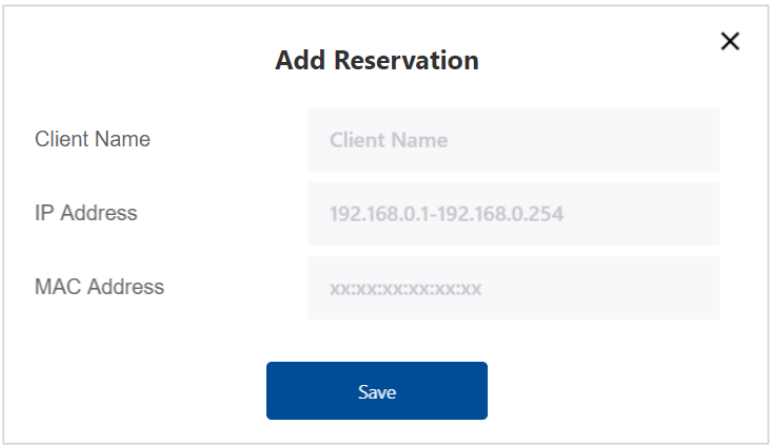
IP Address	Use this field to assign an IP address to your AIRA3x2x LAN Management interface.
Subnet Mask	Use this field to define the LAN subnet.
Default Gateway	Use this field to define the WAN default gateway IP address.
DHCP Server	To enable or disable the DHCP Server function.
DHCP lease time	To select the time that elapses before your Device's IP address lease expires.
DHCP Start time	Use this field to specify the IP address at which the ARIA3x2x begins assigning IP addresses to devices on the LAN
DHCP End IP	Use this field to specify the IP address at which the ARIA3x2x stops assigning IP addresses to devices on the LAN.

4.3.2.2 Address Reservation

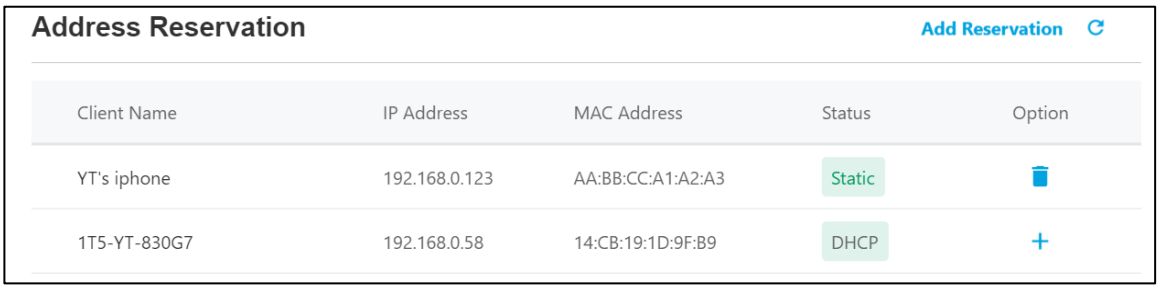
The Address Reservation function allows you to reserve IP addresses for your devices.

1 Click the Add Reservation button to enter the Address Reservation setting page.





You can either make an IP address reservation from a current connected device by clicking the + from the option or create new entries for the devices that haven't join the network.



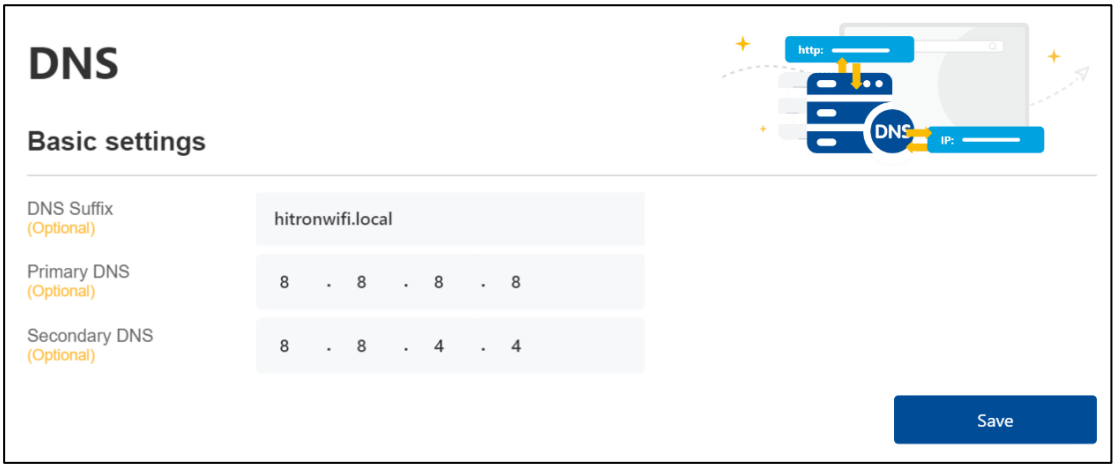
2 Click Save to save your settings.

Address Reservation Settings

Client Name	Use this field to define your Device Name shows in ARIA3x2x (optional).
IP Address	Use this field to reserve an IP address for the device.
MAC Address	Enter the device's MAC address.
Status	Static The device is using a static IP address. DHCP: The device is using the IP address which assigned by the DHCP server.
Option	Click + to add the device to the address reservation list. Click – to remove the device from the address reservation list.

4.3.3 LAN DNS Settings

You can define the DNS to use for your connected devices via LAN DNS settings.



LAN DNS Settings

DNS Suffix	Use this field manually assign a DNS Suffix for your LAN connected devices.
Primary DNS	Use this field manually assign the primary DNS by enter the sever IP address.
Secondary DNS	Use this field manually assign the Secondary DNS by enter the sever IP address.

4.3.4 Router Settings

The Router settings allow you to enable the Session Initiation Protocol Application Layer Gateway (SIP ALG) function.

Session Initiation Protocol (SIP) is one of the most common Voice of IP (VoIP) protocols used in VoIP services. SIP ALG helps to initiate SIP calls when those calls are behind the network address translation (NAT).

1. Click Switch button to enable the SIP ALG function.

2. Click Save to save your settings.

4.4 Wi-Fi configuration

This Wi-Fi Configuration provides you with the ability to manage your Wi-Fi networks. You can manage your Wi-Fi name (SSID) and password for each band but also which networks you want to broadcast and how they will behave.

What is primary/secondary SSID?

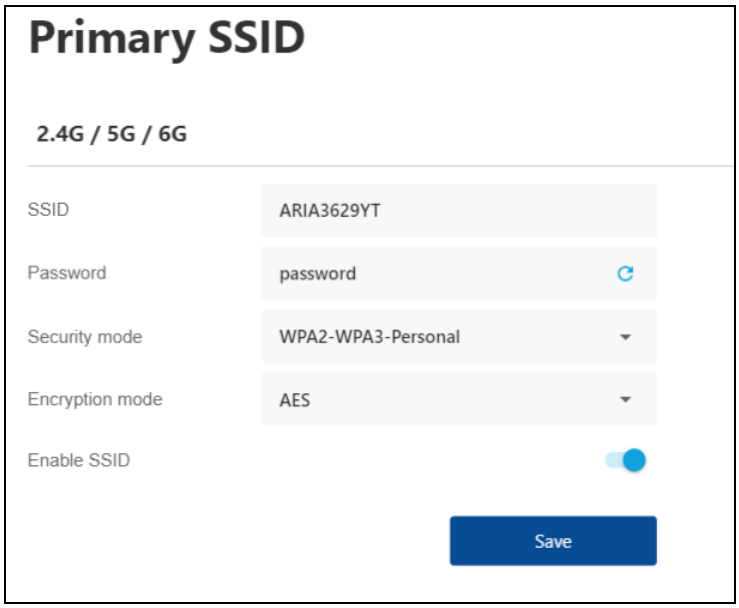
The primary/secondary SSIDs are designed to be networks where devices will discover and talk to each other within these networks.

What is a Guest Network?

Guest Wi-Fi network is essentially a separate network in your home. All your home devices are connected to the primary network and are discoverable on that network. The guest network is a different network that provides access to the Internet, but not to your home network and other devices connected to guest network. As the name suggests, it is for guests to connect to.

4.4.1 Primary SSID

The Primary SSID (Service Set IDentifier) configuration pages allow you to configure the settings of your ARIA3x2x Primary 2.4G, 5G and 6G Wi-Fi. This is the main network you have configured during the initial setup phase.



Primary SSID settings

SSID	To enter the name for your Primary SSID.
Password	Enter the security key or password that you want to use for your primary wireless network. You will need to enter this key into your wireless clients to allow them to connect to the network. Or click the button to use a random password that generate by the system for you.
Security mode	Select the type of security that you want to use.
Encryption mode	Select the type of encryption you want to use.
Enable SSID	To enable or disable your primary Wi-Fi network.
Broadcast SSID	Use this field to make this SSID visible or invisible to other wireless devices. • Set it to ON if you want your network name (SSID) to be public. Anyone with a wireless device in the coverage area can discover the SSID and attempt to connect to the network. • Set it to OFF if you do not want the ARIA3x2x to broadcast the network name (SSID) to all wireless devices in the coverage area. Anyone who wants to connect to the network must know the SSID.
Save	Save the changes.

4.4.2 Secondary SSID

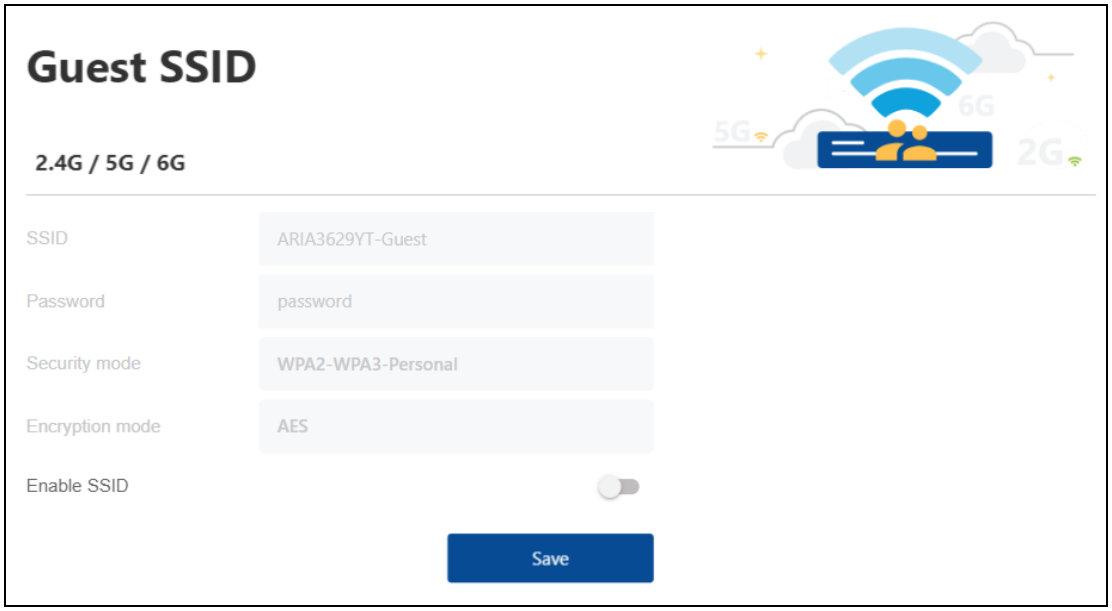
The Secondary SSID (Service Set IDentifier) of the configuration pages allows you to configure the settings of your ARIA3x2x Secondary 2.4G and 5G Wi-Fi. This network is disabled by default, but you could enable it as a second network.

Secondary SSID settings

SSID	To enter the name for your Secondary SSID.
Password	Enter the security key or password that you want to use for your secondary wireless network. You will need to enter this key into your wireless clients to allow them to connect to the network. Or click the button to use a random password that generate by the system for you.
Security mode	Select the type of security that you want to use.
Encryption mode	Select the type of encryption you want to use.
Enable SSID	To enable or disable your secondary for 2.4G, 5G and 6G Wi-Fi network.
Broadcast SSID	Use this field to make this SSID visible or invisible to other wireless devices. • Set it to ON if you want your network name (SSID) to be public. Anyone with a wireless device in the coverage area can discover the SSID and attempt to connect to the network. • Set it to OFF if you do not want the ARIA3x2x to broadcast the network name (SSID) to all wireless devices in the coverage area. Anyone who wants to connect to the network must know the SSID.
Save	Save the changes

4.4.3 Guest SSID

The Guest SSID configuration page allows you to configure the Guest Wi-Fi network for your network.



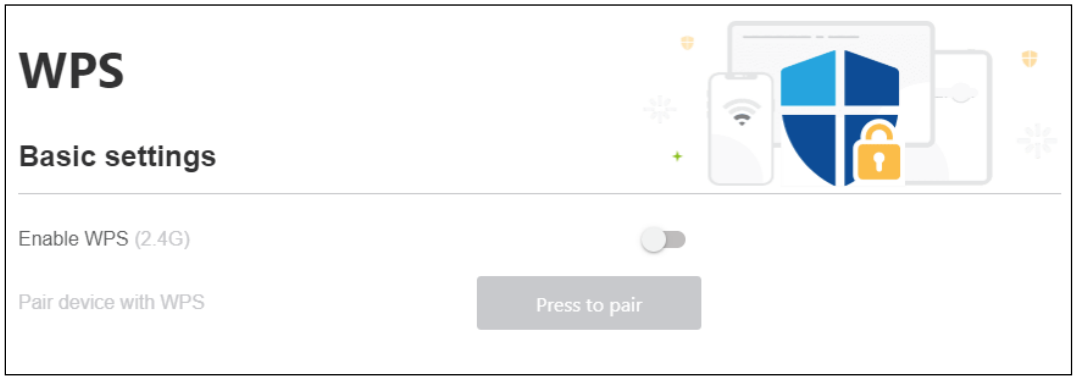
Guest SSID settings

SSID	To enter the name for your Guest SSID.
Password	Enter the security key or password that you want to use for your Guest wireless network. You will need to enter this key into your wireless clients to allow them to connect to the guest network. Or click the button to use a random password that generate by the system for you.
Security mode	Select the type of security that you want to use.
Encryption mode	Select the type of encryption you want to use.
Enable SSID	To enable or disable your guest Wi-Fi network.
Save	Save the changes

4.4.4 WPS

WPS (Wi-Fi Protected Setup) is an alternate way to pair mobile devices equipped with such technology to your network. It will connect a Wi-Fi enabled device to the ARIA3x2x's network without entering the Wi-Fi password.

WPS is considered an unsafe feature. Communication industry acknowledges that this pairing method can have a breach over time using brute force. Therefore, Hitron recommends keeping WPS disabled after use.



WPS settings

Enable WPS	Slide the switch to the right to enable the function. Hitron recommends that this feature stays off after you are done with a device pairing with WPS.
Pair device with WPS	Once WPS is enabled, this button can launch the WPS pairing process.

WPS is disabled by default. You will have to activate it before starting the pairing.

To start the pairing process, do the following:

1. Enable WPS on your router. It will take ~30 sec for WiFi to restart.
2. Activate WPS pairing process on your ARIA3x2x by tapping on Push to pair.

When ARIA3x2x is searching for another device, the front LED will start blinking blue.

3. Activate WPS pairing process on the mobile device you want to connect.
4. Wait for up to 2 minutes. They will find each other if the mobile device is in Wi-Fi range to the ARIA3x2x. WPS will setup Wi-Fi network parameters automaticallyon the mobile device.

When paired, the LED will be solid blue for 60 seconds before returning to normal state. If after 2 minutes the search for another device is unsuccessful, the pairing will stop, and you will get notified as such. The LED will return to its original state.

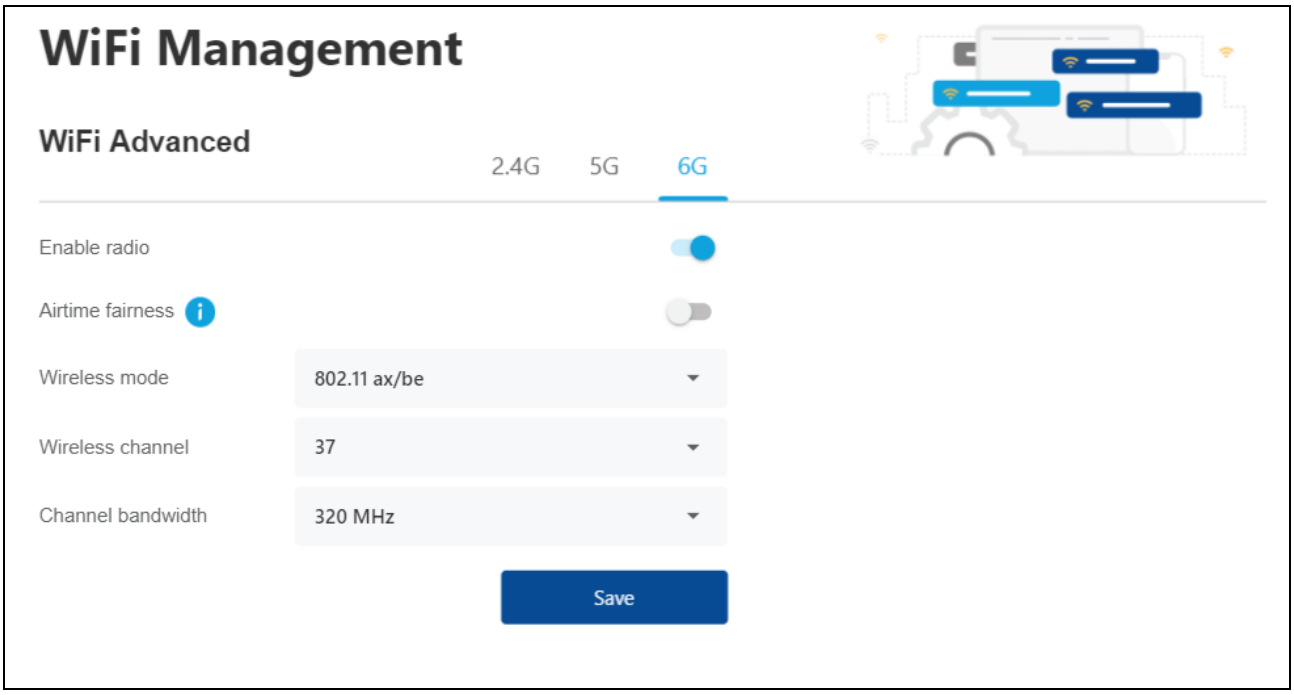
NOTE: You should disable WPS after pairing your devices for security reasons.

4.4.5 Wi-Fi Management

Wi-Fi Management page provides the Wi-Fi Advanced settings allow you to enable or disable Wi-Fi radio, WPS, Airtime fairness, Band steering, set the wireless mode and channel bandwidth.

4.4.5.1 Wi-Fi Advanced

Wi-Fi Advanced section will provide control to advanced Wi-Fi settings that will affect the general behavior for all bands and all Wi-Fi SSID.



Wi-Fi Advanced

	2.4G	5G	6G
Enable radios	Slide the switch to the right to enable all 2.4G Wi-Fi networks.	Slide the switch to the right to enable all 5G Wi-Fi networks.	Slide the switch to the right to enable all 5G Wi-Fi networks.
Airtime fairness	Slide the switch to the right toenable the function.	Slide the switch to the right to enable the function	Slide the switch to the right to enable the function
DFS	N/A	Slide the switch to the right to enable the function.	N/A
Wireless Mode	You can decide which Wi-Fi standard will be use on 2.4G network. You can select from: -802.11b/g -802.11b/g/n -802.11g/n -802.11n -802.11g/n/ax (recommended)	You can decide which Wi-Fi standard will be use on 5G network. You can select from: -802.11a/n/ac -802.11a/n/ac/ax (recommended)	You can decide which Wi-Fi standard will be use on 5G network. You can select from: -802.11ax/be(recommended)
Wireless channel	You can decide which channelwill be used to broadcast the 2.4G Wi-Fi network. Select Auto to let the ARIA3x2x chose the least congested channel by analyzing the Wi-Fi channels used by surrounding neighbors or you can manually select from channel 1 to 11.	You can decide which channel will be used to broadcast the 5G Wi-Fi network. Select Auto to let the ARIA3x2x chose the least congested channel by analyzing the Wi-Fi channels used by surrounding neighbors or you can manually select from channel list.	You can decide which channel will be used to broadcast the 6G Wi-Fi network. Select Auto to let the ARIA3x2x chose the least congested channel by analyzing the Wi-Fi channels used by surrounding neighbors or you can manually select from channel list.
Channel bandwidth	You can decide which channelbandwidth will be use for 2.4Gnetwork. Selections are: -20 MHz (recommended) -20/40 MHz	You can decide which channel bandwidth will be used for 5G network. Selections are: -20 MHz -40 MHz -80 MHz (recommended)	You can decide which channel bandwidth will be used for 5G network. Selections are: -20 MHz -40 MHz -80 MHz -160 MHz -320 MHz(recommended)

4.4.5.2 What is airtime fairness?

Airtime fairness is a feature that boosts the overall network performance by sacrificing a little bit of network time on your slowest devices. The relatively "slow" Wi-Fi speed devices can be slow from either long physical distance, weak signal strength or simply being a legacy device with an older technology.

4.4.5.3 What is DFS?

Dynamic Frequency Selection (DFS) is a Wi-Fi function that enables WLANs to use 5 GHz frequencies that are generally reserved for radars. One main benefit of using DFS channels is to utilize under-serviced frequencies to increase the number of available Wi-Fi channels. In most countries, these channels are broadcasting at lower power to not disturb the radar activities. When a radar is detected by your ARIA3x2x, it will change channel immediately to free up the DFS frequencies. This feature is only affecting the 5G band.

4.4.5.4 What is band steering?

Your ARIA3x2x utilizes 2 Wi-Fi bands to help maximize signal strength and speed for multiple devices.

- The 2.4GHz network can offer greater range and is suitable for everyday surfing.
- The 5GHz network offers faster speeds at a closer range. It is great for streaming.

When band steering is turned off, the 2 bands are considered as 2 different Wi-Fi networks (SSID). You manually decide which Wi-Fi network you connect your devices to (from the device itself).
When band steering is turned on, your devices will only see one Wi-Fi network and the ARIA3x2x will provide the best possible experience by automatically connecting your devices to either 2.4GHz or 5GHz band using Hitron's intelligence.

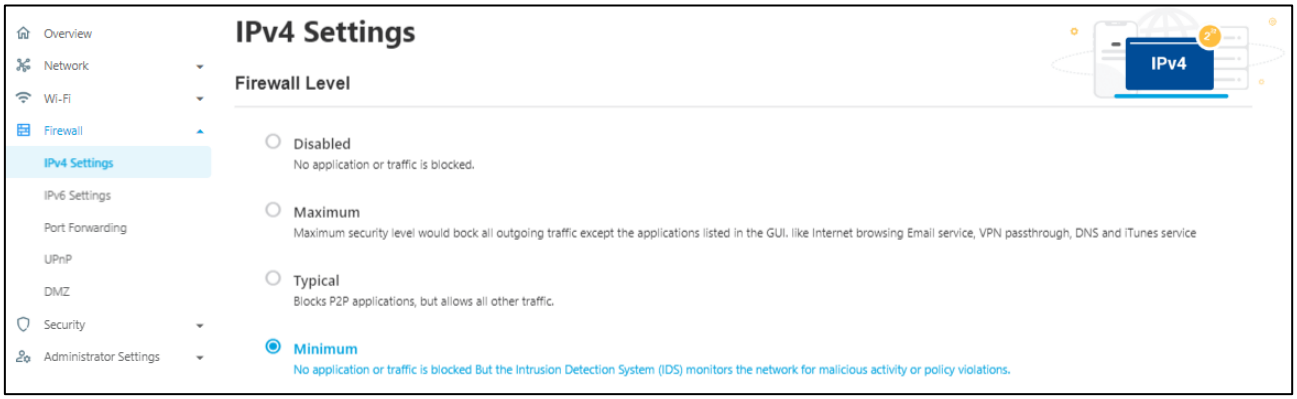
Note: Band Steering function is enabled by default. During the onboarding phase, you will set up both bands to act as a smart network under a single SSID name and password. That is the recommended setup.

4.4.6 Wi-Fi survey

The Wi-Fi survey will display all the surrounding Wi-Fi network indicating the channel they use, and the signal strength perceived by the router. That will help you understand if other routers are causing interference where your router is located.

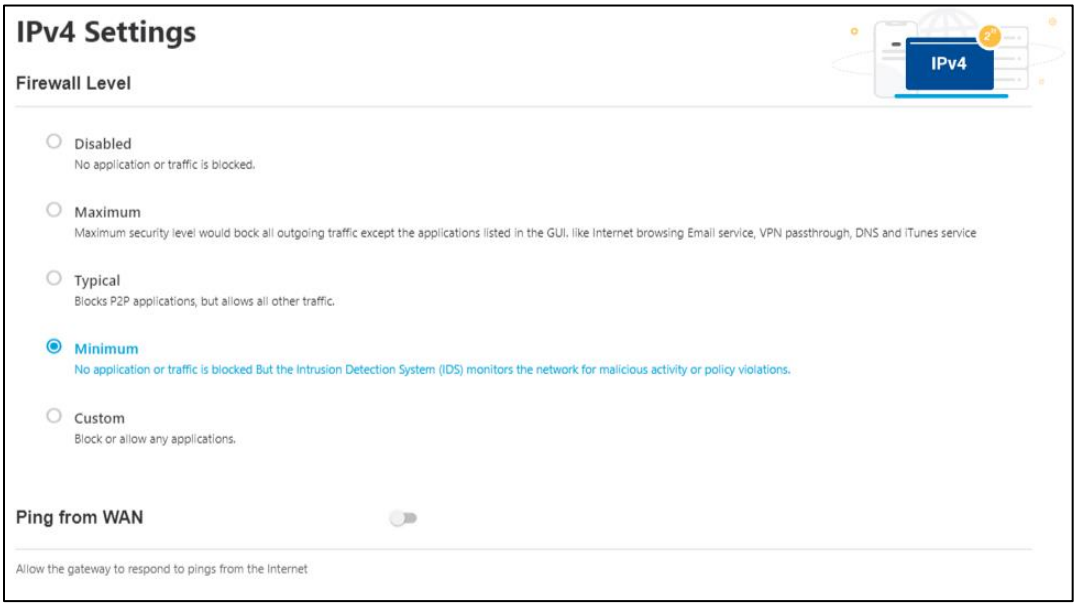
4.5 Firewall

This section can be found in the router web UI only.
The term "firewall" comes from a construction technique designed to prevent the spread of fire from one room to another. Similarly, your ARIA3x2x's firewall prevents intrusion attempts and other undesirable activity originating from the WAN, keeping the computers on your LAN safe. You can also use filtering techniques to specify the computers and other devices you want to allow on the LAN and prevent certain traffic from going from the LAN to the WAN. Click the Firewall button from the left drop down menu to select the Firewall settings pages.



4.5.1 IPv4 Settings

ARIA3x2x provides 3 firewall levels for the Ipv4 traffics: Minimum, Typical and Maximum. A custom firewall level is also supported which allows users to block or allow the applications they like to.

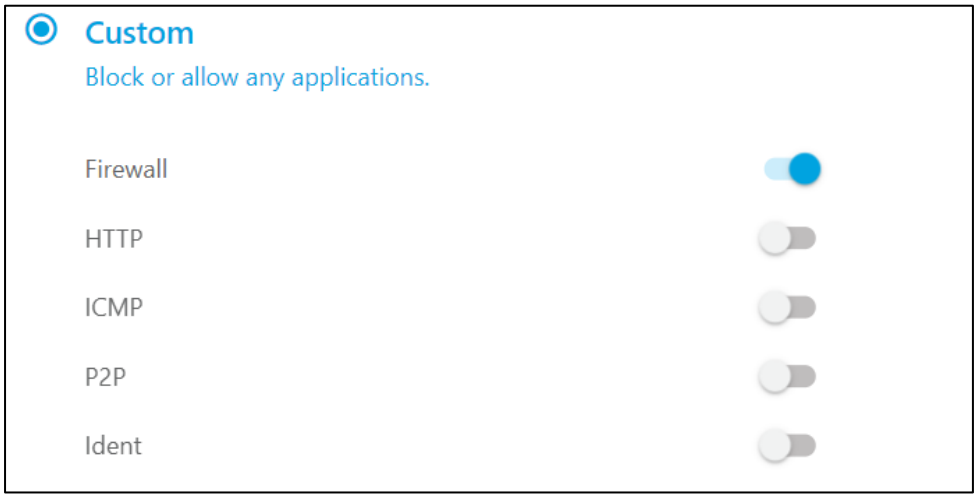


Firewall Level Settings

Disabled	No application or traffic is blocked
Maximum	Maximum security level would block all outgoing traffic except the applications listed in the GUI, like Internet browsing Email service, VPN passthrough DNS and iTune service.
Typical	Blocks P2P applications but allows all other traffic.
Minimum	No application or traffic is blocked but the Intrusion Detection System (IDS) monitors the network for malicious activities or policy violations.
Custom	Customize the Ipv4 firewall settings.

4.5.1.1 Custom Settings

To customize the Ipv4 firewall settings, click the Custom button and turn the firewall on to enter the Custom submenu.

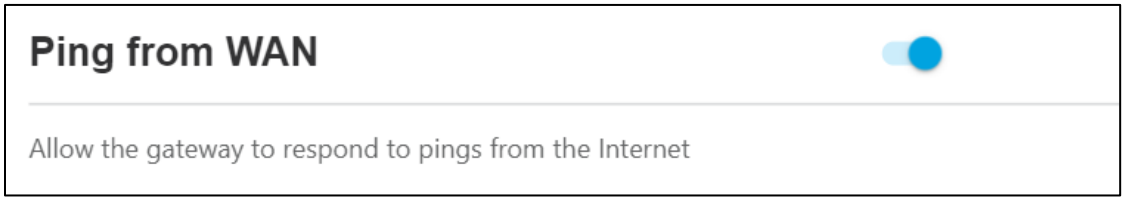


Ipv4 Firewall Custom Settings

Firewall	To enable or disable the custom firewall. When Firewall is enabled all the following applications/ protocols HTTP, ICMP, P2P, Ident will be blocked.
HTTP	Set HTTP to ON to allow the HTTP traffic through the firewall.
ICMP	Set ICMP to ON to allow the ICMP traffic through the firewall.
P2P	Set P2P to ON to allow the P2P applications through the firewall.
Ident	Set Ident to ON to allow the Ident applications through the firewall.

4.5.1.2 Ping from WAN

To allow the gateway to respond to pings from the Internet.



4.5.2 Ipv6 Settings

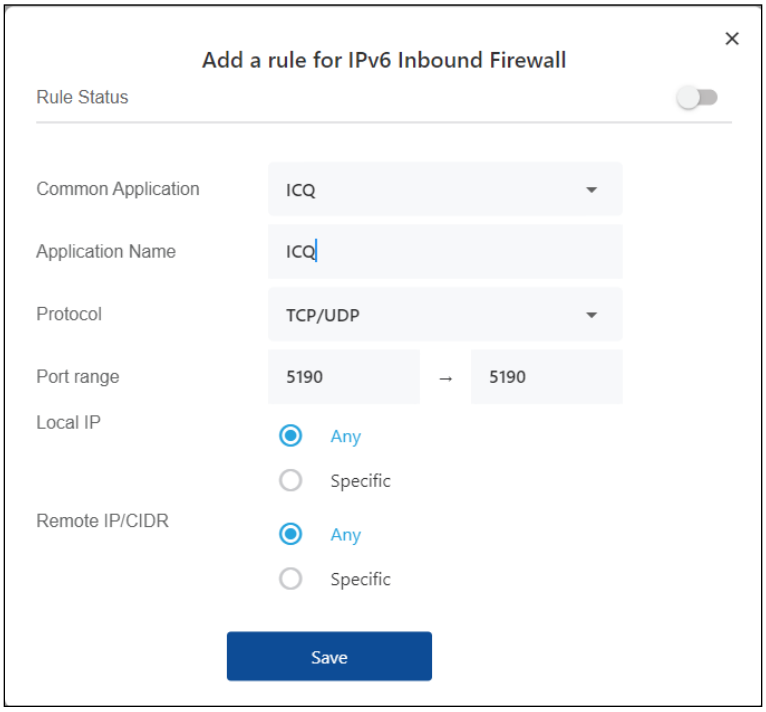
ARIA3x2x allows users to add the Ipv6 inbound firewall rules to its Ipv6 firewall.

Ipv6 Firewall Settings

Firewall	To enable or disable Ipv6 firewall.
Ping on Wan Interface	To allow the gateway to respond to pings from the Internet.
	Modification icon.
	Delete icon.

4.5.2.1 Ipv6 Inbound Firewall Rules

Click the Add Rule button to add a custom inbound firewall rule.

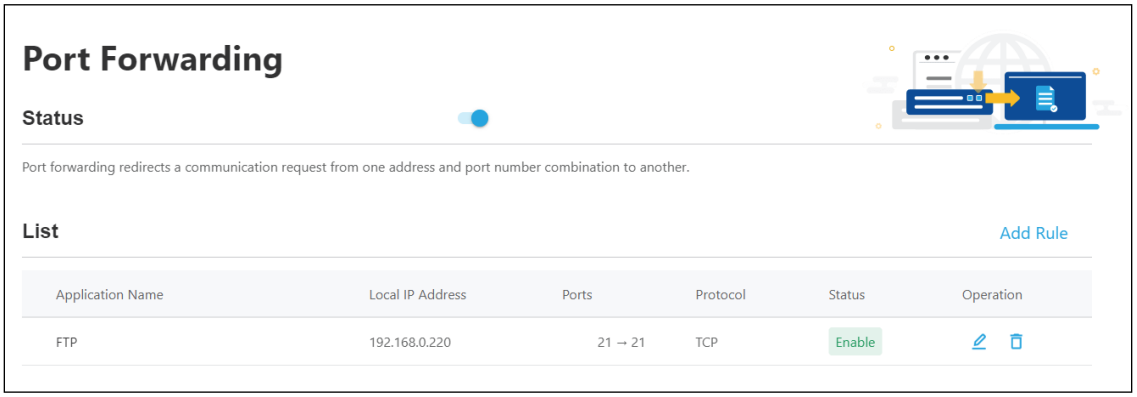


Ipv6 Firewall Settings

Rule Status	To enable or disable the current Inbound rule.
Common Application	Use this field to select the application for which you want to create an inbound rule, if desired.
Application Name	The name for the inbound firewall rule. The name will auto fill when you select the application above, however you can still rename it. NOTE: This name is arbitrary and does not affect functionality in any way.
Protocol	Use this field to specify the Protocol that the Ipv6 firewall should filter via: • Transmission Control Protocol (TCP) • User Datagram Protocol (UDP) • Both TCP and UDP (TCP/UDP)
Port range	To indicate the start and end port for the Inbound firewall rule applies.
Local IP	Use this field to enter a specific IP address or any IP address from the Local to the inbound filter rule. • Select Any for any IP address from the LAN. • Select Specific to add an IP address for the rule.
Remote IP/CIDR	Use this field to enter a specific IP address or any IP address on the WAN(Remote) to the inbound filter rule. • Select Any for any IP address from the WAN. • Select Specific to add an IP address for the rule.

4.5.3 Port Forwarding

Port forwarding redirects communication requests from one address and port number combination to another.

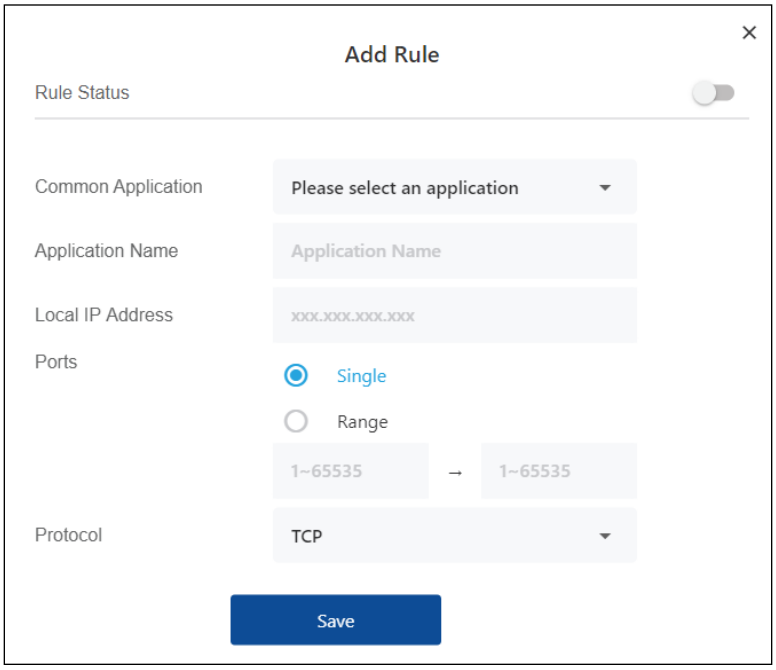


Port Forwarding Settings

Status	To enable or disable Port Forwarding
Add Rule	To add a port forwarding rule.
List	Display the created port forwarding rules.
	Modification icon.
	Delete icon.

4.5.3.1 Add a Port Forwarding Rule

Click Add Rule icon to enter the Add Rule submenu to create a rule.

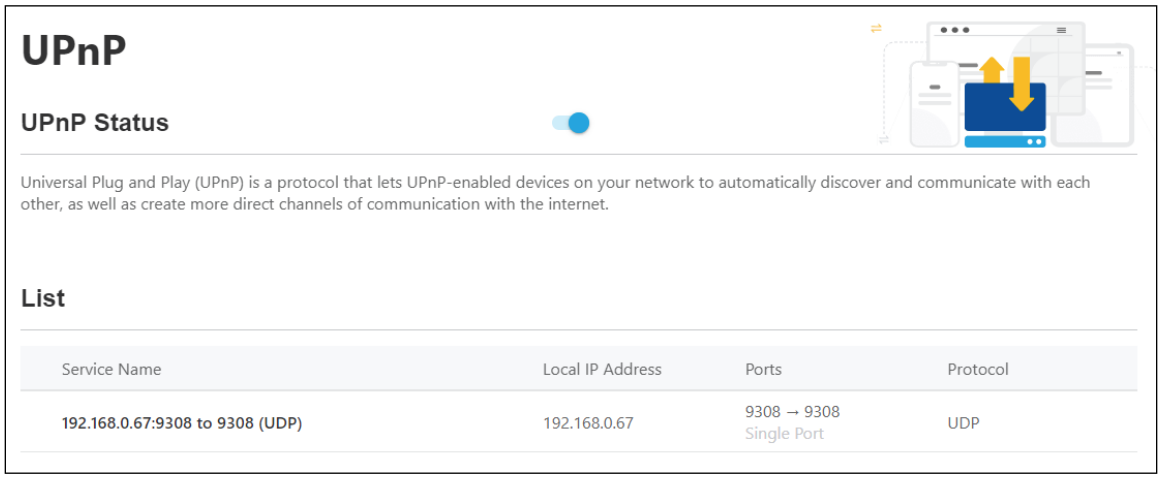


Add Port Forwarding Rule Settings

Rule Status	To enable or disable the current Port Forwarding rule.
Common Application	Select one of the applications from the list to apply for the port forwarding.
Application Name	The name for the port forwarding rule. The name will auto fill when you select the application above, however you can still rename it NOTE: This name is arbitrary and does not affect functionality in any way.
Local IP Address	Use this field to enter the IP address of the computer on the LAN to which you want to forward the traffic.
Ports	Use these fields to specify the incoming port or the range of ports. These are the ports on which the ARIA3x2x receives traffic from the originating host on the WAN. ▸ Single: To specify a incoming port ▸ Rang: To specify a range of ports/
Protocol	Use this field to specify whether the ARIA3x2x should forward traffic via: ▸ Transmission Control Protocol (TCP) ▸ User Datagram Protocol (UDP) ▸ Transmission Control Protocol and User Datagram Protocol (TCP/UDP) ▸ Generic Routing Encapsulation (GRE) ▸ Encapsulating Security Protocol (ESP) ▸ Internet Control Message Protocol (ICMP) NOTE: If in doubt, leave this field at its default (TCP/UDP)

4.5.4 UpnP

Universal Plug and Play (UpnP) is a protocol that lets UpnP-enabled devices on your network to automatically discover and communicate with each other, as well as create more direct channels of communication with the Internet.



Ipv6 Firewall Settings

UpnP Status	To enable or disable UpnP.

4.5.5 DMZ

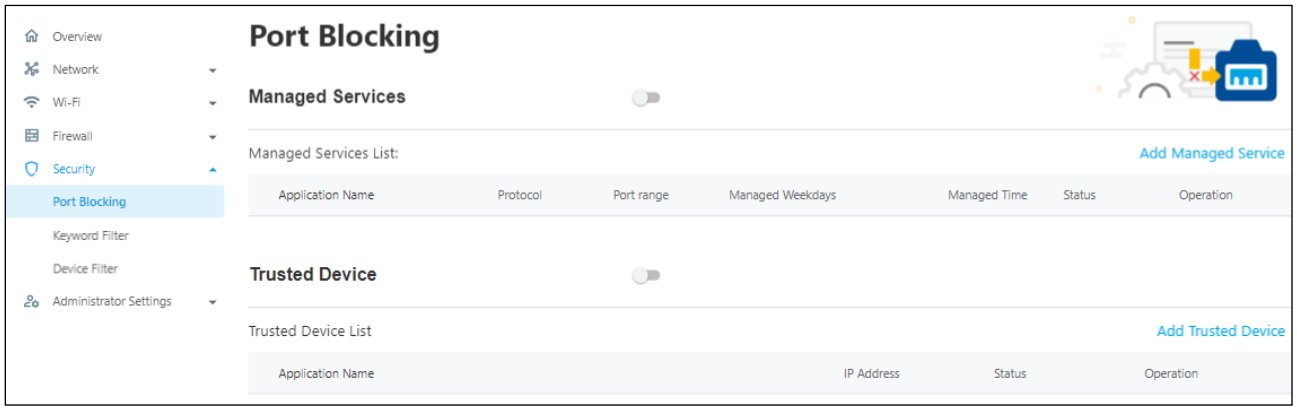
In networking, the De-Militarized Zone (DMZ) is a part of your LAN that has been isolated from the rest of the LAN and is opened to the WAN.
The DMZ Network protects the local network from outside attacks when some of the local hosts involve services that extend to users outside of the local area network, such as file, email, web and DNS servers, those hosts are usually most vulnerable to attack.

Ipv6 DMZ Settings

Enable DMZ	To enable or disable UpnP.
DMZ Host	Enter the IP address of the host that you want to add to the DMZ.

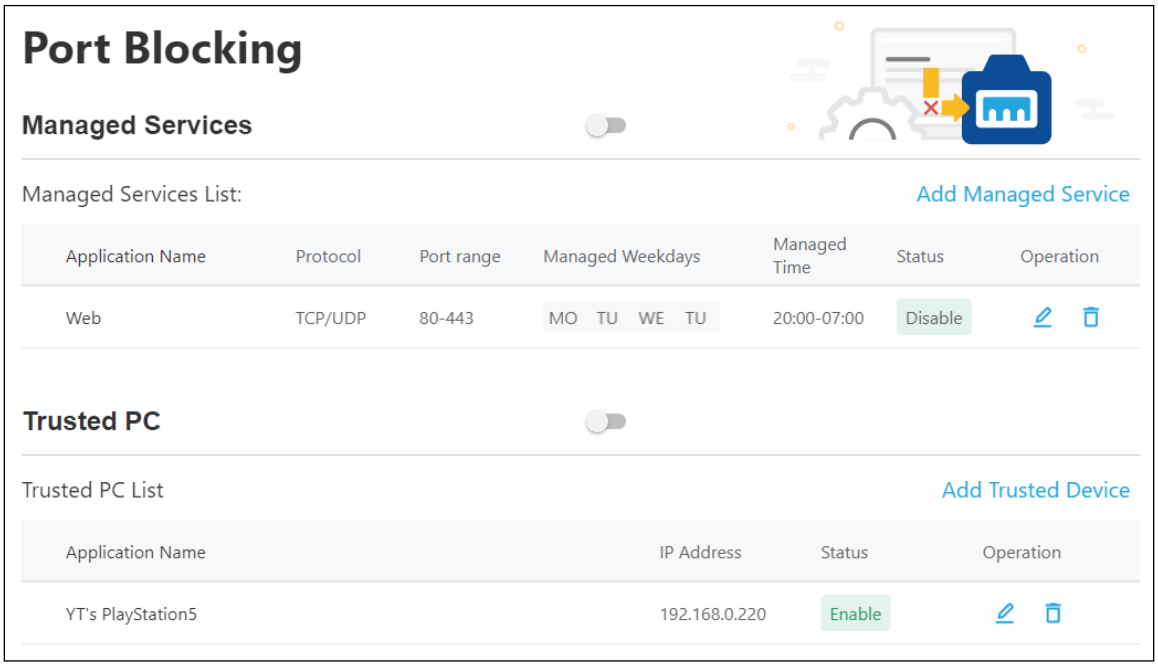
4.6 Security

This section can be found in the router web UI only.
Security configuration allows you to configure the Port Blocking, Keyword Filter and Device Filter to secure your Network.
Click the Security button from the left drop down menu to select the Security settings pages.



4.6.1 Port Blocking

The Port Blocking configuration allows you to manage the network services by blocking the services ports and add a trusted PC/Device to the network.

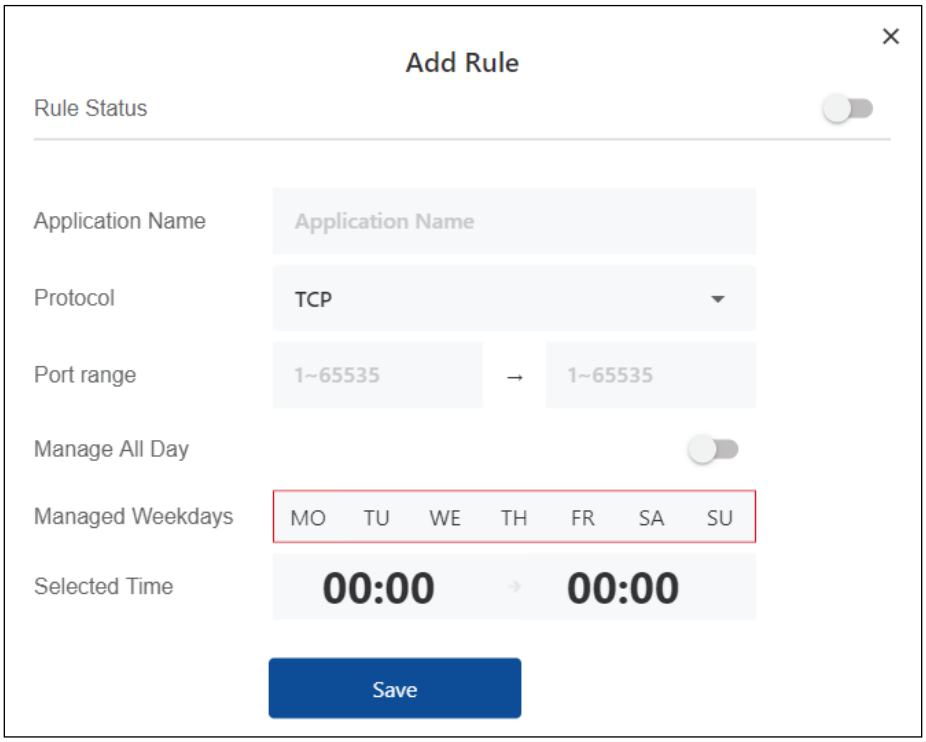


Port Block Settings

Managed Services	To enable or disable Managed Services.
Add Managed Service	To add a Managed Services.
Trusted Device	To enable or disable Trust device function.
Add Trusted Device	To add a trusted device to the list.
	Modification icon.
	Delete icon.

4.6.1.1 Add Managed Services

Managed Services allows you to block certain applications by blocking its service ports; the function also allows you to block the services by schedule.

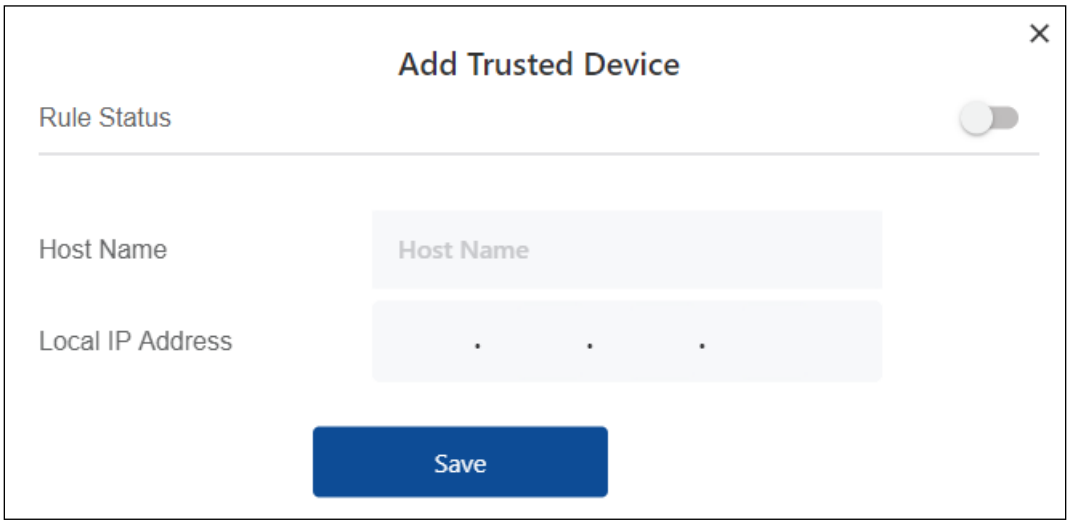


Managed Services Settings

Rule Status	To active or inactive the rule.
Application Name	Enter a name for the application for which you want to create the rule. NOTE: This name is arbitrary and does not affect functionality in any way.
Protocol	Use this field to specify whether the ARIA3x2x should filter via: • Transmission Control Protocol (TCP) • User Datagram Protocol (UDP) • Both TCP and UDP (TCP/UDP).
Port range	These are the port range to which traffic will be blocked. Enter the start port number in the first field and the end port number in the second field. To specify only a single port, enter its number in both fields.
Manage All Day	Select this field to always apply the filtering rule (All days of the week).
Managed Weekdays	Use the Managed Weekdays fields to specify the days on which the rule should be applied.
Select Time	Use the Manage Time Start fields to specify a period of time which the rule should be applied.
Save	Press the Save to save the settings.

4.6.1.2 Add Trusted Device

The trusted PC/devices are those to which Managed Services rules are not applied.



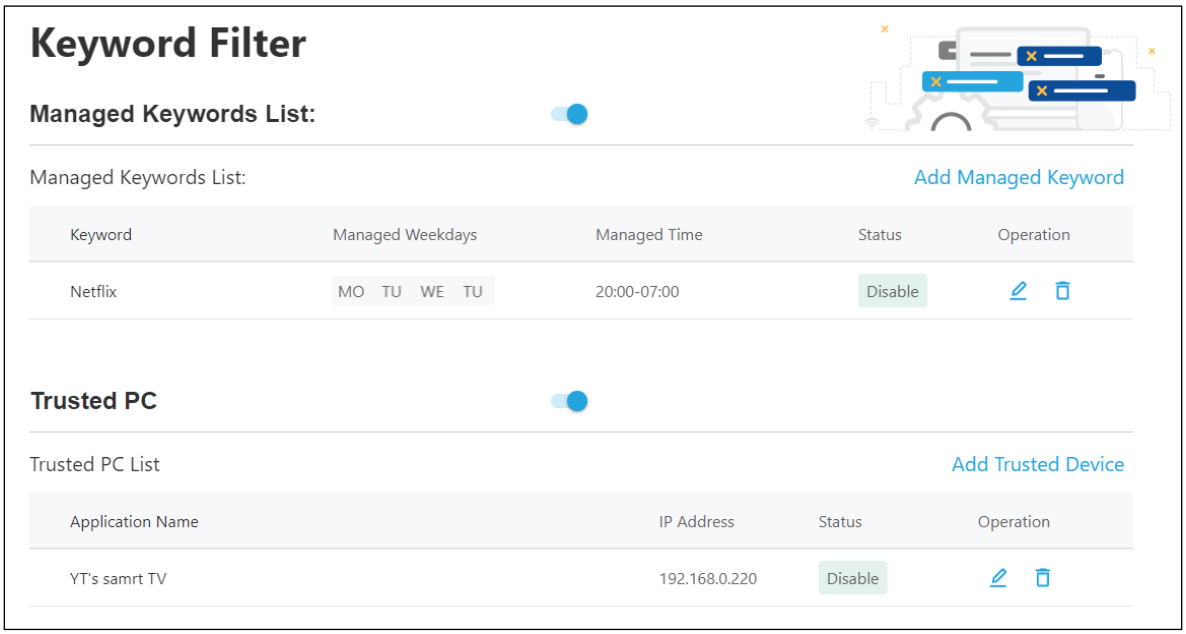
Add Trusted Device Settings

Rule Status	To active or inactive trusted device on the device.
Host Name	Enter a name to identify the device.
Local IP Address	Enter the IP address of the device.
Save	Apply and save the settings.

4.6.2 Keyword Filter

Keyword Filter allows users to block access from the LAN to websites whose URLs (Web addresses) and page content (text) contain certain keywords. You can create multiple keywords blocking rules, and configure them to apply on certain days and at certain times.

You can also create and edit trusted devices. Trusted devices are those to which keyword filtering rules are not applied.

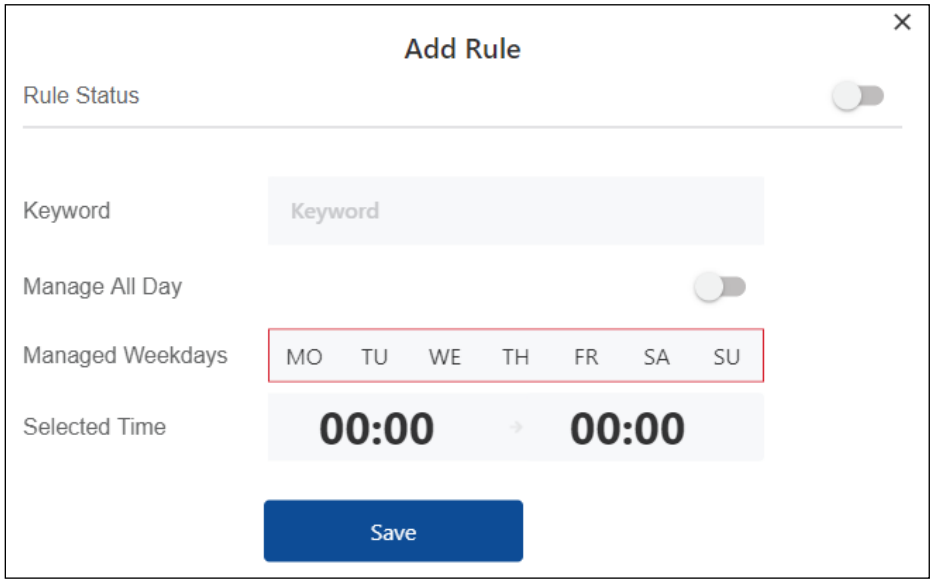


Keyword Filter Settings

Managed Keywords List	To enable or disable Keyword Filter.
Add Managed Keyword	To add a Managed Keyword
Trusted Device	To enable or disable Trust Device function on keyword filter.
Add Trusted Device	To add a trusted PC to the list.
	Modification icon.
	Delete icon.

4.6.2.1 Add Managed keyword

The trusted PC/devices are those to which Managed Services rules are not applied.

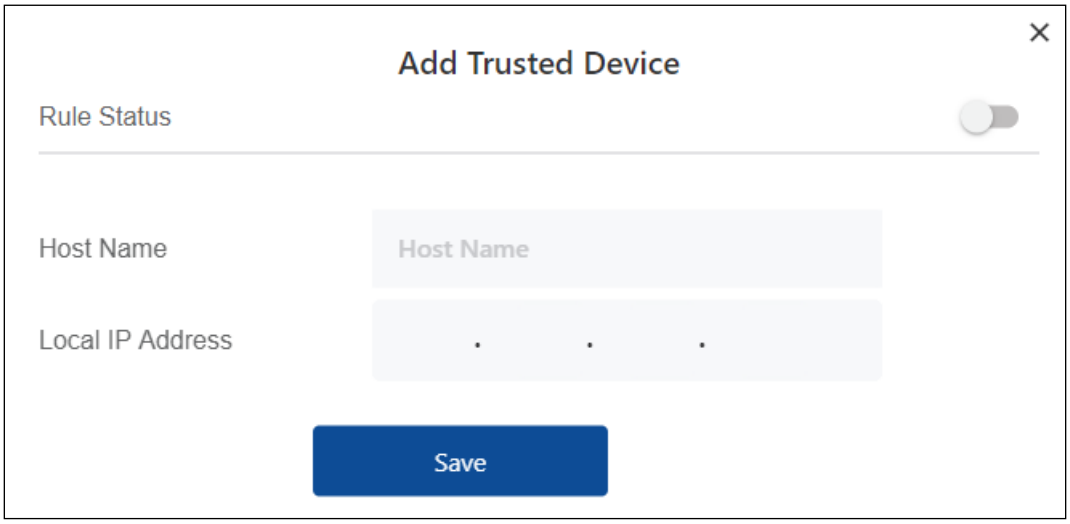


Add Managed keyword Settings

Keyword	Enter the keyword that you want to be blocked.
Manage All Day	Select this field to always apply the keyword filter rule (All days of the week).
Managed Weekdays	Use the Managed Weekdays fields to specify the days on which the rule should be applied.
Select Time	Use the Manage Time Start fields to specify a period which the rule should be applied.
Save	Press the Save to save the settings.

4.6.2.2 Trusted Device

The trusted PC/devices are those to which Managed Services rules are not applied.



Add Trusted Device Settings

Rule Status	To active or inactive trusted device on the device.
Host Name	Enter a name to identify the device.
Local IP Address	Enter the IP address of the device.
Save	Apply and save the settings.

4.6.3 Device Filter configuration

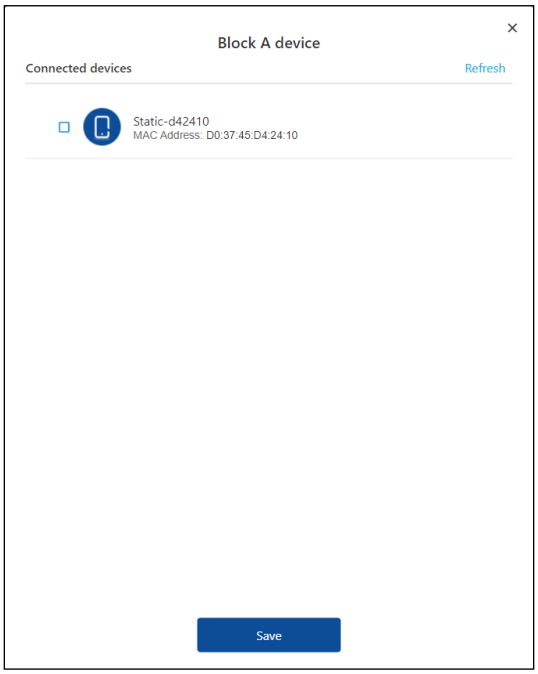
Device Filter allows you to deny the network access to devices on the filter list.

Device Filter Settings

Block A device	Add a device to the blocking list.
	Modification icon.
	Delete icon.

4.6.3.1 Block a device

Select one or more devices from the connect devices list to the blocked devices list.



Block a device Settings

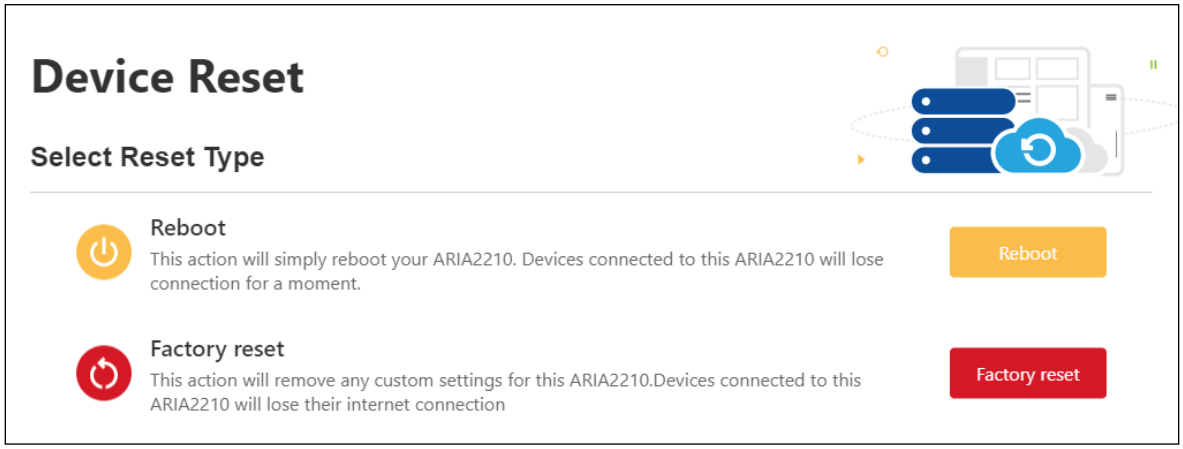
Refresh	To refresh connected devices list.
Save	Apply and save the settings.

4.7 Administrator Settings

This section is for the general management of the device.

4.7.1 Device Reset

Device Reset allows you reboot or do a Factory Reset.

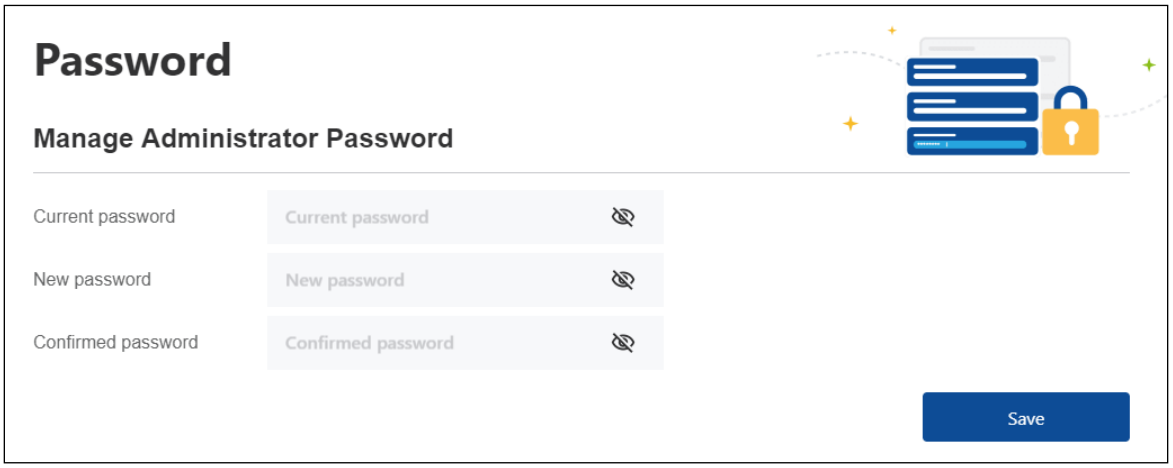


Device Reset Settings

Reboot	This action will simply reboot your ARIA3x2x. Device connected to this ARA3x2x will lose connection until the ARIA is back online. Refer to Section 1.6
Factory reset	This action will remove any custom setting for this ARA3x2x. Device connected to this ARIA3x2x will lose their connection. Refer to Section 1.7

4.7.2 Administrator Password

The Password page allows you to change the Administrator password.
If you are using a Hitron gateway/router, the admin password will be synchronized between your Hitron devices by Hitron proprietary protocol AutoSync. Your ARIA3x2x will receive the admin password from the gateway/router during initial setup. This is also the same password used to access the MyHitron+ mobile application.

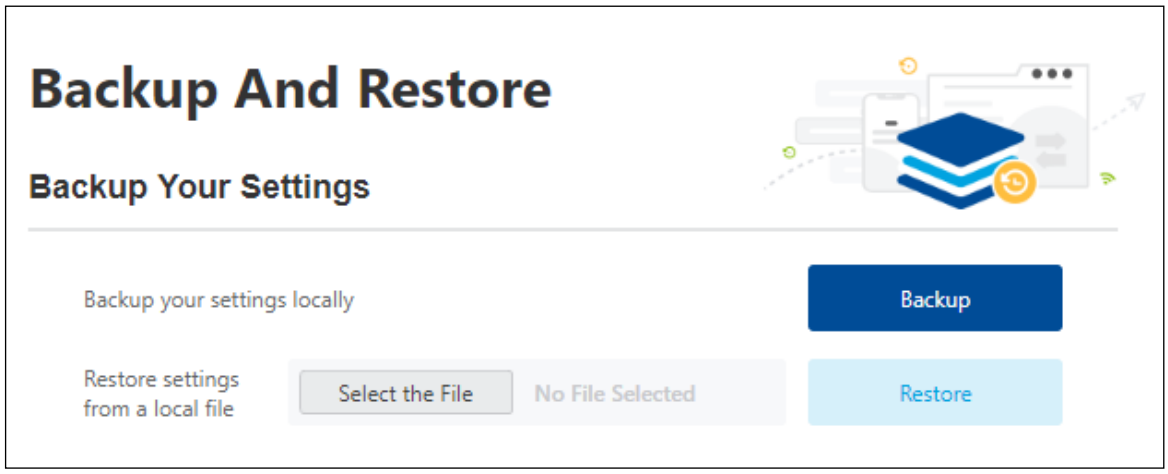


Administrator Password Settings

Current password	Your current administrator password.
New password	Type the new password that you want to use.
Confirmed password	Type the new password again to confirm.
Save	Saving is mandatory to apply password modification.

4.7.3 Backup and Restore

You can back up your actual settings locally with this feature.

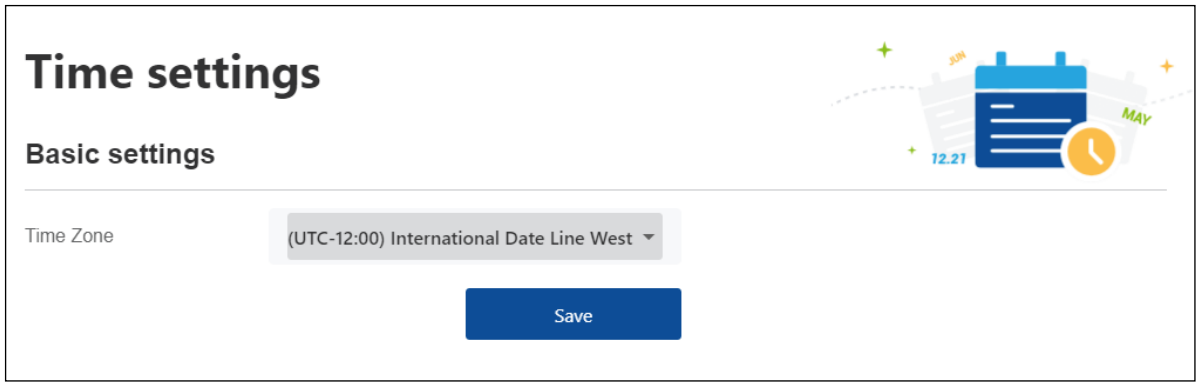


Backup and Restore

Backup	The system will create a file backup.tar which you can store locally on your computer or mobile device.
Select the file	Find the backup file to restore. It should be a .tar file.
Restore	Once the file is selected, start the restore process to recover those settings.

4.7.4 Time settings

Time settings allow you to set the Time Zone of the location where your ARIA3x2x is installed. The time is mainly used for LED or pause schedules settings via the app.

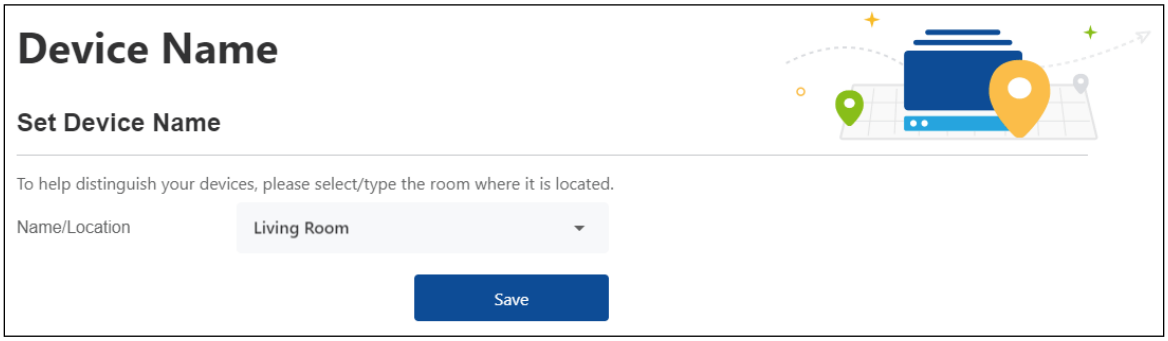


Time Settings

Time Zone	Select the time zone from the drop-down menu.
Save	Saving is mandatory to apply password modification.

4.7.5 Device Name

Device Name helps to distinguish your devices in your home or office network,



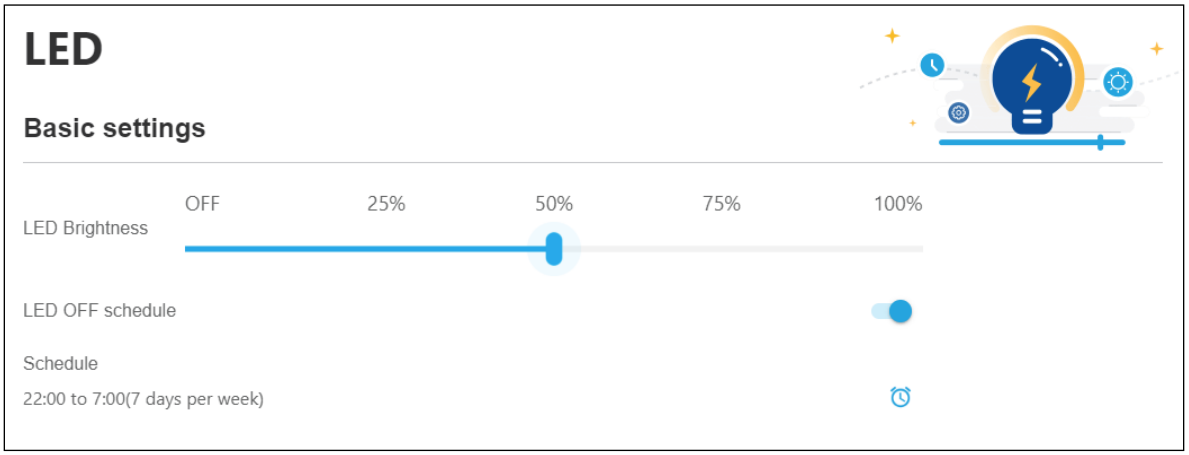
Device Reset Settings

Name/Location	Type or select the room where the ARIA3x2x is located. It will name your device by its location.
Save	Saving is mandatory to apply password modification.

4.7.6 LED Configuration

LED Configuration allows you to set the brightness of the front panel LED also it allows you to set LED OFF with a schedule.

,



LED Configuration

LED Brightness	Adjust the brightness of the front panel LED.
LED OFF Schedule	Enable or Disable the LED OFF Schedule.
	Edit the LED OFF schedule time.

5

Statements and Warnings

Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
  FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
  This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

This device is restricted for indoor use.
FCC regulations restrict the operation of this device to indoor use only.
FCC regulations restrict the operation of this device to indoor use only.
The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.
Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or Communications with unmanned aircraft systems.
IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 53cm between the radiator & your body.
FCC regulations restrict the operation of this device to indoor use only.

Industry Canada statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
Cet appareil contient des émetteurs / récepteurs exempts de licence qui sont conformes au (x) RSS (s) exemptés de licence d'Innovation, Sciences et Développement économique Canada. L'opération est soumise aux deux conditions suivantes:
(1) Cet appareil ne doit pas provoquer d'interférences.
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.
Devices shall not be used for control of or communications with unmanned aircraft systems. Les appareils ne doivent pas être utilisés pour contrôler ou communiquer avec des systèmes d'aéronefs sans pilote.

Devices shall not be used on oil platforms.
Les appareils ne doivent pas être utilisés sur les plates-formes pétrolières.

Devices shall not be used on aircraft, except for the low-power indoor access points, indoor subordinate devices, low-power client devices, and very low-power devices operating in the 5925-6425 MHz band, that may be used on large aircraft as defined in the Canadian Aviation Regulations, while flying above 3,048 metres (10,000 feet).
Les appareils ne doivent pas être utilisés sur les avions, à l'exception des points d'accès intérieure à faible puissance, des dispositifs subordonnés intérieurs, des dispositifs clients de faible puissance et des dispositifs de très faible puissance fonctionnant dans la bande 5925-6425 MHz, qui peut être utilisée sur de grands avions tel que défini dans la réglementation de l'aviation canadienne, tout en volant au-dessus de 3 048 mètres (10 000 pieds).

Devices shall not be used on automobiles.
Les appareils ne doivent pas être utilisés sur les automobiles.
Devices shall not be used on trains.
Les appareils ne doivent pas être utilisés dans les trains.
Devices shall not be used on maritime vessels.
Les appareils ne doivent pas être utilisés sur les navires maritimes.
Operation shall be limited to indoor use only.
Le fonctionnement doit être limité à une utilisation en intérieur uniquement.

IMPORTANT NOTE:
IC Radiation Exposure Statement:
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 32 cm between the radiator & your body.
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 32 cm de distance entre la source de rayonnement et votre corps.
For indoor use only.
Pour une utilisation en intérieur uniquement.

NCC電信管制射頻器材警語：
[警語內容]

1. 取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

2. 使用此產品時應避免影響附近雷達系統之操作。

AT	BE	BG	CZ	DK
EE	FR	DE	IS	IE
IT	EL	ES	CY	LV
LI	LT	LU	HU	MT
NL	NO	PL	PT	RO
SI	SK	TR	FI	SE
CH	UK	HR		

WARNING
Risk of electrical shock. Do not expose the device to water or moisture. The device is a high-performance communications device designed for home and office environments. Do not use the device outdoors. Keep the device in an environment between 0°C ~ 40°C (32°F ~104°F). To avoid overheating, do NOT place any object on top of the device. Do not restrict the flow of air around the device. This unit must be used with the power supply provided by manufacturer. The manufacturer assumes no liabilities for damage caused by any improper use of the device.

ATTENTION
Risque de choc électrique. Ne pas exposer l'appareil à l'eau ou à l'humidité. L'appareil est un dispositif de communication de haute performance conçu pour les environnements domestiques et de bureau. Ne pas utiliser l'appareil à l'extérieur. Gardez l'appareil dans un environnement entre 0°C ~ 40°C (32°F ~ 104°F). Pour éviter la surchauffe, ne placez aucun objet sur le dessus de l'appareil. Ne pas restreindre la circulation d'air autour de l'appareil. Cet appareil doit être utilisé avec le bloc d'alimentation fourni par le fabricant. Le fabricant décline toute responsabilité de dommages causés par une mauvaise utilisation de l'appareil.

6

MyHitron+ app

Note: Your service provider may decide to support the MyHitron+ app or not. If you are unable to pair your ARIA3x2x with the app, it is because your service provider has decided not to let you use the MyHitron+ app. They may have their own version of the app to offer the service. You may want to look for their app or contact them for guidance.

The MyHitron+ app is a self-serve solution offering: self-guided/self-installation, home network setup, optimization, performance management, parental controls setup and management, network security setup and management, and intuitive troubleshooting management and resolution steps. MyHitron+ gives you unprecedented control over your home networks by allowing management of all devices on your network from everywhere.

MyHitron+ will manage all your Hitron devices in a single app. When applying changes from the app, your devices will always be in-sync by using the AutoSync protocol in the background. Simply find your ARIA3x2x from the Network list and tap on it to open its Device information page.

You can download MyHitron+ app from Apple Store and Google Play.
Support links can be found in the stores.
Scan this QR code to go to your device's store.

7

Customer support

Please visit our web site and search for the FAQ section related to our ARIA3x2x. Common problems and questions about ARIA3x2x will be covered and regularly updated.

If you are having problems with your ARIA3x2x set up, you can contact your Internet Service Provider or contact us. You can visit: us.hitrontech.com/aria3x2x

Thank you for purchasing this Hitron product.

Trademarks

DISCLAIMER: The information in this User's Guide is accurate at the time of writing. This User's Guide is provided "as is" without express or implied warranty of any kind. Neither Hitron Technologies nor its agents assume any liability for inaccuracies in this User's Guide, or losses incurred by use or misuse of the information in this User's Guide.