

# **WECB460 WEB GUI Guide**

## **FCC Statement:**

### **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.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

This device is going to be operated in 5.15~5.25GHz frequency range, it is restricted in indoor environment only.

**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 20cm between the radiator & your body.

## IC Statement:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

*Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

*Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.*

This device and it's antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures.

*Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.*

The device for the band 5150-5250 MHz is only for indoor usage to reduce 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;*

## 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 20cm 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 20 cm de distance entre la source de rayonnement et votre corps.

## 1. Basic WEB GUI

- a. Connect to WECB (<http://www.myarrismocarepeater.net>) via web browser

The screenshot shows the ARRIS web GUI interface. At the top is a navigation bar with the ARRIS logo and tabs for Device, MoCA, HSD, Wireless, and Logout. Below this is a sub-navigation bar with 'Summary' and 'Administration' tabs. On the left, there is a sidebar with two 'SUMMARY' buttons. The main content area is titled 'Login' and contains a form with 'User Name' (set to 'admin') and 'Password' fields, each with a help icon. An 'Apply' button is located below the form.

- b. Login with [admin/password](#), the web page will be automatically redirected to device summary page. The read-only field display in grey out font style.

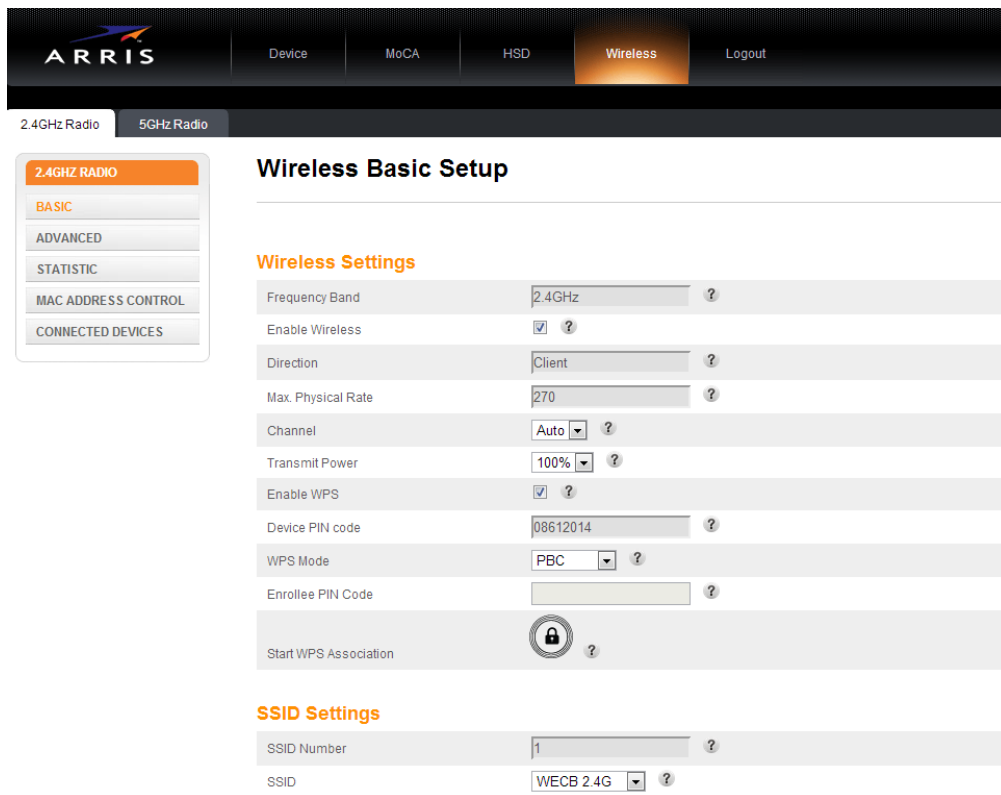
The screenshot shows the ARRIS web GUI interface after login. The top navigation bar and sub-navigation bar are the same. The sidebar now has two 'SUMMARY' buttons. The main content area is titled 'Summary' and contains a table of device information. The table has two columns: the field name and the value. The values are displayed in a greyed-out font, indicating they are read-only. Each row has a help icon.

Summary	
Manufacturer	ARRIS Group, Inc.
Model Name	WECB460
Serial Numner	
Hardware Version	1
Software Version	v1.1.0
Device Up Time	0 days, 0:12:55
First Use Date	1969-12-31T16:00:00Z
Upgrade Available	false

## 2. 2.4G WiFi

- a. Click “Wireless” tag on the top, the wireless basic setup page will be displayed.

User may modify the wireless setting here.



**ARRIS** Device MoCA HSD **Wireless** Logout


2.4GHz Radio 5GHz Radio

**2.4GHZ RADIO**

BASIC  
ADVANCED  
STATISTIC  
MAC ADDRESS CONTROL  
CONNECTED DEVICES

### Wireless Basic Setup

#### Wireless Settings

Frequency Band	2.4GHz	?
Enable Wireless	<input checked="" type="checkbox"/>	?
Direction	Client	?
Max. Physical Rate	270	?
Channel	Auto	?
Transmit Power	100%	?
Enable WPS	<input checked="" type="checkbox"/>	?
Device PIN code	08612014	?
WPS Mode	PBC	?
Enrollee PIN Code		?
Start WPS Association		?

#### SSID Settings

SSID Number	1	?
SSID	WECB 2.4G	?

- b. In wireless advanced page, user may change the wireless mode in 11b/g/n mode

and then bridge transmission signals, the SSID also can be updated here.

ARRIS

Device MoCA HSD **Wireless** Logout

2.4GHz Radio 5GHz Radio

**2.4GHZ RADIO**

BASIC

**ADVANCED**

STATISTIC

MAC ADDRESS CONTROL

CONNECTED DEVICES

### Wireless Advanced Setup

#### Wireless Settings

Frequency Band	2.4GHz	?
Wireless Mode	G/N mixed	?
Channel Bandwidth	40 MHz	?
Extension Channel	Upper	?
Guard Interval	800ns	?
MCS	Auto	?

#### SSID Settings

SSID Number	1	?
SSID	WECB 2.4G	?
WMM	<input checked="" type="checkbox"/>	?
WMM Power Save mode	<input checked="" type="checkbox"/>	?
WPA/WPA2 Rekey Interval	86400	?

Apply

- c. In wireless statistic page, it will display current wireless interface counting information.

ARRIS

Device MoCA HSD **Wireless** Logout

2.4GHz Radio 5GHz Radio

**2.4GHZ RADIO**

BASIC

ADVANCED

**STATISTIC**

MAC ADDRESS CONTROL

CONNECTED DEVICES

### Wireless Statistics

#### MultipleSSID

SSID	WECB 2.4G	?
------	-----------	---

#### Wireless Statistics

Bytes Sent	1218938	?
Bytes Received	17889253	?
Packets Sent	2848	?
Packets Received	68564	?
Errors Sent	0	?
Errors Received	0	?
Discard Packets Sent	1571	?
Discard Packets Received	0	?

- d. In MAC address control page, user may add MAC filter list to block specific device which connected to WECB.



ARRIS

Device

MoCA

HSD

Wireless

Logout

2.4GHz Radio

5GHz Radio

2.4GHZ RADIO

BASIC

ADVANCED

STATISTIC

MAC ADDRESS CONTROL

CONNECTED DEVICES

### MAC Address Control

MultipleSSID

SSID

WECB 2.4G

?

MAC Address Filtering

Mac Address Filter Type

None

?

Apply

MAC Address Filter List

MAC

Add

Delete

- e. In wireless connected device page, it will display all connected device for current wireless network.

ARRIS

Device

MoCA

HSD

Wireless

Logout

2.4GHz Radio

5GHz Radio

2.4GHZ RADIO

BASIC

ADVANCED

STATISTIC

MAC ADDRESS CONTROL

CONNECTED DEVICES

### Wireless Connected Devices

MultipleSSID

SSID

WECB 2.4G

?

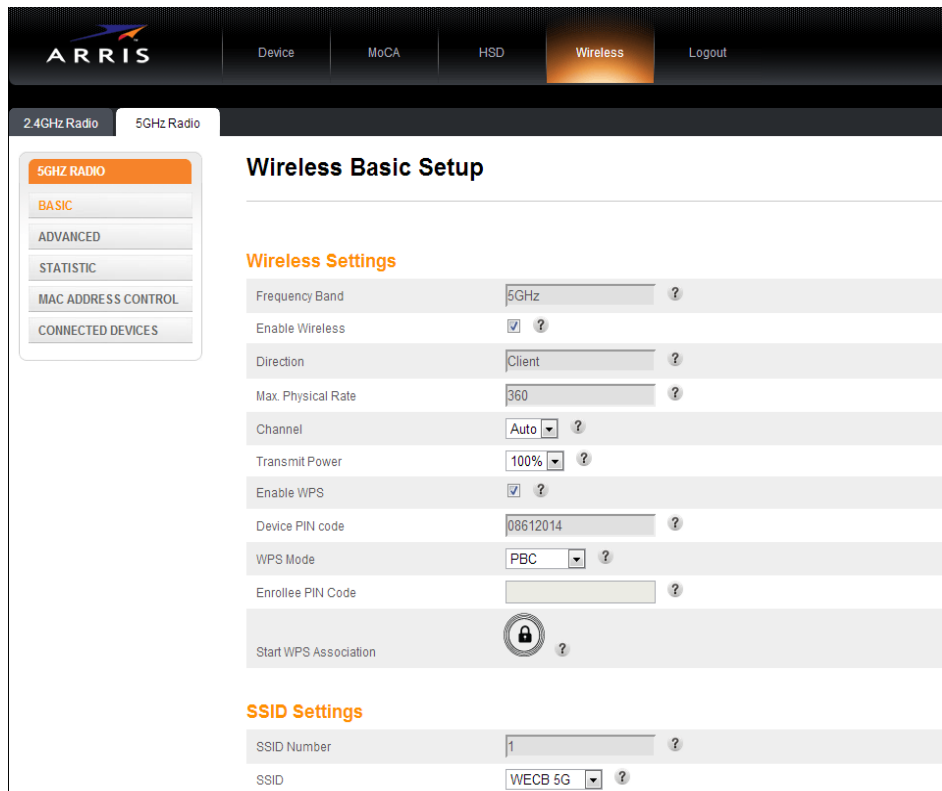
Station List

No.	MAC Address	State	Rate	Signal
1	60:fa:cd:6f:3c:16	Authenticated	65	54

### 3. 5G WiFi

- a. Click “5GHz Radio” tag on the middle top, the 5G wireless basic setup page will

be displayed. User may modify the wireless setting here.



ARRIS

Device MoCA HSD **Wireless** Logout


2.4GHz Radio 5GHz Radio

**5GHZ RADIO**

BASIC  
ADVANCED  
STATISTIC  
MAC ADDRESS CONTROL  
CONNECTED DEVICES

### Wireless Basic Setup

#### Wireless Settings

Frequency Band	5GHz	?
Enable Wireless	<input checked="" type="checkbox"/>	?
Direction	Client	?
Max. Physical Rate	360	?
Channel	Auto	?
Transmit Power	100%	?
Enable WPS	<input checked="" type="checkbox"/>	?
Device PIN code	08612014	?
WPS Mode	PBC	?
Enrollee PIN Code		?
Start WPS Association		?

#### SSID Settings

SSID Number	1	?
SSID	WECB 5G	?

- b. In wireless advanced page, user may change the wireless mode in 11b/g/n mode and then bridge transmission signals, the SSID also can be updated here.

ARRIS

Device

MoCA

HSD

Wireless

Logout

2.4GHz Radio

5GHz Radio

5GHZ RADIO

BASIC

ADVANCED

STATISTIC

MAC ADDRESS CONTROL

CONNECTED DEVICES

### Wireless Advanced Setup

#### Wireless Settings

Frequency Band	5GHz	?
Wireless Mode	N/AC mixed	?
Channel Bandwidth	40 MHz	?
Extension Channel	Upper	?
Guard Interval	800ns	?
MCS	Auto	?

#### SSID Settings

SSID Number	1	?
SSID	WECB 5G	?
WMM	<input checked="" type="checkbox"/>	?
WMM Power Save mode	<input checked="" type="checkbox"/>	?
WPAWPA2 Rekey Interval	86400	?

Apply

- c. In wireless statistic page, it will display current wireless interface information.

ARRIS

Device

MoCA

HSD

Wireless

Logout

2.4GHz Radio

5GHz Radio

5GHZ RADIO

BASIC

ADVANCED

STATISTIC

MAC ADDRESS CONTROL

CONNECTED DEVICES

### Wireless Statistics

#### MultipleSSID

SSID	WECB 5G	?
------	---------	---

#### Wireless Statistics

Bytes Sent	2537	?
Bytes Received	400	?
Packets Sent	17	?
Packets Received	6	?
Errors Sent	0	?
Errors Received	0	?
Discard Packets Sent	514	?
Discard Packets Received	0	?

- d. In MAC address control page, user may add MAC filter list to block specific device which connected to WECB.

ARRIS

Device

MoCA

HSD

Wireless

Logout

2.4GHz Radio

5GHz Radio

5GHZ RADIO

BASIC

ADVANCED

STATISTIC

MAC ADDRESS CONTROL

CONNECTED DEVICES

### MAC Address Control

#### MultipleSSID

SSID

WECB 5G

?

#### MAC Address Filtering

Mac Address Filter Type

None

?

Apply

#### MAC Address Filter List

MAC
<div>Add</div> <div>Delete</div>

- e. In wireless connected device page, it will display all connected device for current wireless network.

ARRIS

Device

MoCA

HSD

Wireless

Logout

2.4GHz Radio

5GHz Radio

5GHZ RADIO

BASIC

ADVANCED

STATISTIC

MAC ADDRESS CONTROL

CONNECTED DEVICES

### Wireless Connected Devices

#### MultipleSSID

SSID

WECB 5G

?

#### Station List

No.	MAC Address	State	Rate	Signal
1	60:fa:cd:8f:3c:16	Authenticated	65	55

#### 4. MoCA

- a. Click “MoCA” tag on the top, it will show current settings of MoCA interface,

including some extra information, for example, current MoCA version.

The screenshot shows the ARRIS web interface with the 'MoCA' tab selected in the top navigation bar. Below the navigation bar, the 'Interface' sub-tab is active. The main content area is titled 'MoCA Interface' and contains a 'MoCA Settings' section. This section includes various configuration fields for MoCA network parameters.

MoCA Settings		
MoCA Version Supported	2.0	?
MoCA Version Used	2.0	?
Enable	<input checked="" type="checkbox"/>	?
Status	UP	?
Direction	Internet	?
MAC Address	00:00:ca:02:12:02	?
Max PHY Rate	416	?
Network Coordinator	0	?
Node ID	0	?
Preferred NC	0	?
Backup NC	1	?
Operating Frequency	1350	?
Privacy Enable	<input type="checkbox"/>	?
Network Password	.....	?

b. In MoCA statistic page, it will display current translate information.

The screenshot shows the same ARRIS web interface, but with the 'Statistics' sub-tab selected. The main content area is titled 'MoCA Statistics' and displays a table of network performance metrics.

MoCA Statistics		
Packets Sent	58	?
Packets Received	1376	?
Errors Packets Sent	0	?
Errors Packets Received	1	?
Discard Packets Sent	0	?
Discard Packets Received	0	?

c. In MoCA connected device page list, it will show all MoCA devices in the network and use bold font as local MoCA device MAC address.

CONNECTED DEVICES

CONNECTED DEVICES

Devices

## MoCA Connected Devices

### Devices List

Node ID	MAC Address
1	00:00:ca:02:12:02
0	00:00:ca:02:18:02 (Network Coordinator)