

# Configure Static IP on RV110W

## Objective

Static IP addressing provides a constant IP to the device. This provides easier communication within a network, but also creates security risks.

The objective of this document is to show you how to configure Static IP WAN settings on the RV110W.

## Applicable Devices

- RV110W

## Configuring Static IP

Step 1. In the web configuration utility, choose **Networking > WAN**.

The screenshot shows the 'Internet Setup' configuration page. At the top, the 'Internet Connection Type' dropdown menu is highlighted with a red circle and set to 'Static IP'. Below this, the 'Static IP Settings' section contains the following fields:

- Internet IP Address: 0 . 0 . 0 . 0 (Hint: 192.168.100.100)
- Subnet Mask: 0 . 0 . 0 . 0 (Hint: 255.255.255.0)
- Default Gateway: 0 . 0 . 0 . 0 (Hint: 192.168.100.1)
- Static DNS 1: 0 . 0 . 0 . 0 (Hint: 1.2.3.4)
- Static DNS 2: 0 . 0 . 0 . 0

The 'Optional Settings' section contains the following fields:

- Host Name: router1FE47D
- Domain Name: (empty)
- MTU:  Auto  Manual
- Size: 1500 Bytes (Range: 576 - 1500, Default: 1500)

At the bottom of the page, there are 'Save' and 'Cancel' buttons.

Step 2. From the Internet Connection Type drop-down menu within the *Internet Connection Type* field, choose **Static IP**.

## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 3. In the *Internet IP Address* field, enter the IP address of the WAN port.

## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

**Subnet Mask:**  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 4. In the *Subnet Mask* field, enter the subnet mask of the WAN port

## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 5. In the *Default Gateway* field, enter the IP address of the default gateway.

## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 6. In the *Static DNS 1* field, enter the IP address of the primary DNS server.

## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 7. In the *Static DNS 2* field, enter the IP address of the secondary DNS server.

### Internet Setup

Internet Connection Type:

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#### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

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#### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Step 8. (Optional) Enter the host name of the RV110W in the *Host Name* field.

**Note:** If you do not wish configure any of the optional settings, then skip to Step 11.

## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 9. Enter the domain name of your network in the *Domain Name* field.



## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 10. Click **Auto** to set the size of the MTU to have the size automatically adjust, or click **Manual** to specify the size of the MTU within the *MTU* field.

## Internet Setup

Internet Connection Type:

### Static IP Settings

Internet IP Address:  .  .  .  (Hint: 192.168.100.100)

Subnet Mask:  .  .  .  (Hint: 255.255.255.0)

Default Gateway:  .  .  .  (Hint: 192.168.100.1)

Static DNS 1:  .  .  .  (Hint: 1.2.3.4)

Static DNS 2:  .  .  .

### Optional Settings

Host Name:

Domain Name:

MTU:  Auto  Manual

Size:  Bytes (Range: 576 - 1500, Default: 1500)

Save

Cancel

Step 11. If you click **Manual**, enter the size of the MTU in the *Size* field.

Step 12. Click **Save** to save the configuration changes, or click **Cancel** to discard the changes.