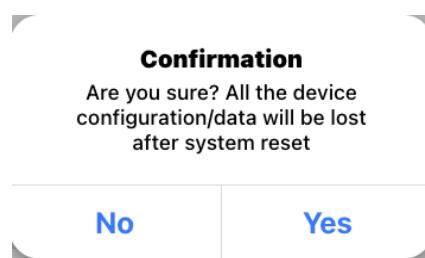
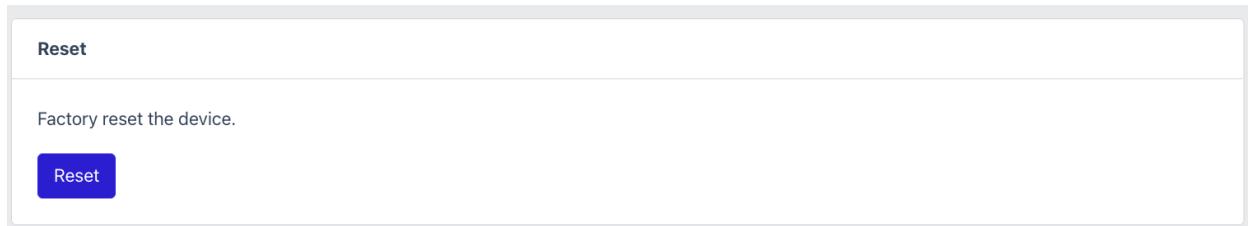


## Reset the WaveTunnel device

To reset the WaveTunnel device, you can issue the request from the interfaces below. To be aware that all the configurations and user data will be lost after this reset operation.

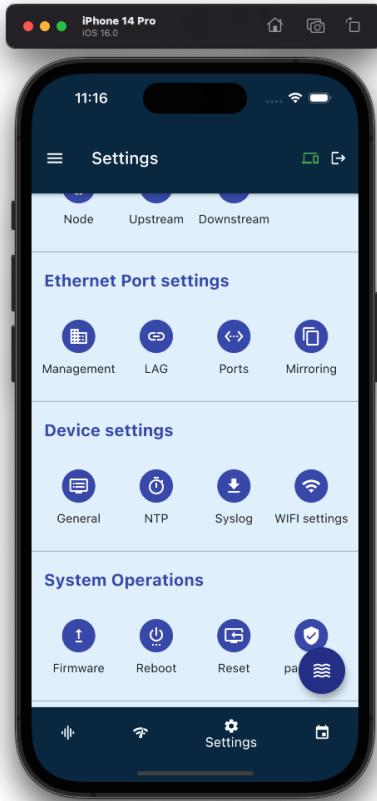
### [WEB GUI]

Operations-> System Operations-> Reset



### [Mobile App]

Settings -> Reset



## [CLI]

Operation -> reset

```
AVS(operation)#
Help:
  reboot - Reboot the device
  reset - Factory reset the device
  diag - Execute troubleshooting command
  log - Log files commands
  backup - Backup the device configurations
  restore - Restore the device configurations
  mirror - Port mirroring settings
  .. - Navigate up one category
  exit - Exit Command line interface

AVS(operation)# reset
Do you want to reset this device? (y/n): █
```

## Backup the configurations of the WaveTunnel device

On this page, you can back up the configurations of the WaveTunnel device for future use. For example, rollback to the earlier settings or restore it to another replacement device. You can also download the backup file to your local computer to avoid losing the configurations if the

device runs into the abnormal state. The max. Number of configurations that can be backup is up to 10.

### [WEB GUI]

#### Operations-> System Operations-> Backup

Backup and Restore

Refresh

To backup all settings, including system and network configurations etc.click[backup] and select to open or save the backup file.

Backup

To "Download","Restore" or "Delete" the backup file, please click the button in the selected row.

Number	Name	Size	Datetime	Download	Restore	Delete
1	20220919_04_46_07.tar.gz	1.4K	2022-09-19 04:46:07	<a href="#">Download</a>	<a href="#">Restore</a>	<a href="#">Delete</a>
2	20220919_04_46_09.tar.gz	1.4K	2022-09-19 04:46:09	<a href="#">Download</a>	<a href="#">Restore</a>	<a href="#">Delete</a>

### [CLI]

#### Operation -> backup

```

AVS(operation-backup)#
Help:
  list - List out the current backup files
  execute - Execute the backup command
  delete - Delete the backup file
  .. - Navigate up one category
  exit - Exit Command line interface

AVS(operation-backup)# execute
tar: removing leading '/' from member names

Backup the device configurations successfully
AVS(operation-backup)# list



| Number | Name                     | Size | Datetime            |
|--------|--------------------------|------|---------------------|
| 1      | 20220831_22_01_39.tar.gz | 1.0K | 2022-08-31 22:01:40 |
| 2      | 20220914_18_04_11.tar.gz | 1.0K | 2022-09-14 18:04:11 |
| 3      | 20220922_23_27_52.tar.gz | 1.0K | 2022-09-22 23:27:52 |



AVS(operation-backup)# delete 1
The backup file 20220831_22_01_39.tar.gz has been deleted
AVS(operation-backup)#

```

## Restore the configurations from the Backup file

### [WEB GUI]

Operations-> System Operations-> Restore

Upload the backup file from your laptop.

---

To upload the backup file, click [Browse...] to select a previously saved backup file and click [Upload] to confirm.

No file chosen

---

**Restore the configurations from the old backup file.**

To "Download", "Restore" or "Delete" the backup file, please click the button in the selected row.

Number	Name	Size	Datetime			
1	20220919_04_46_07.tar.gz	1.4K	2022-09-19 04:46:07	<a href="#">Download</a>	<a href="#">Restore</a>	<a href="#">Delete</a>
2	20220919_04_46_09.tar.gz	1.4K	2022-09-19 04:46:09	<a href="#">Download</a>	<a href="#">Restore</a>	<a href="#">Delete</a>

[CL]

## Operation-> restore

## Diagnostic and troubleshooting

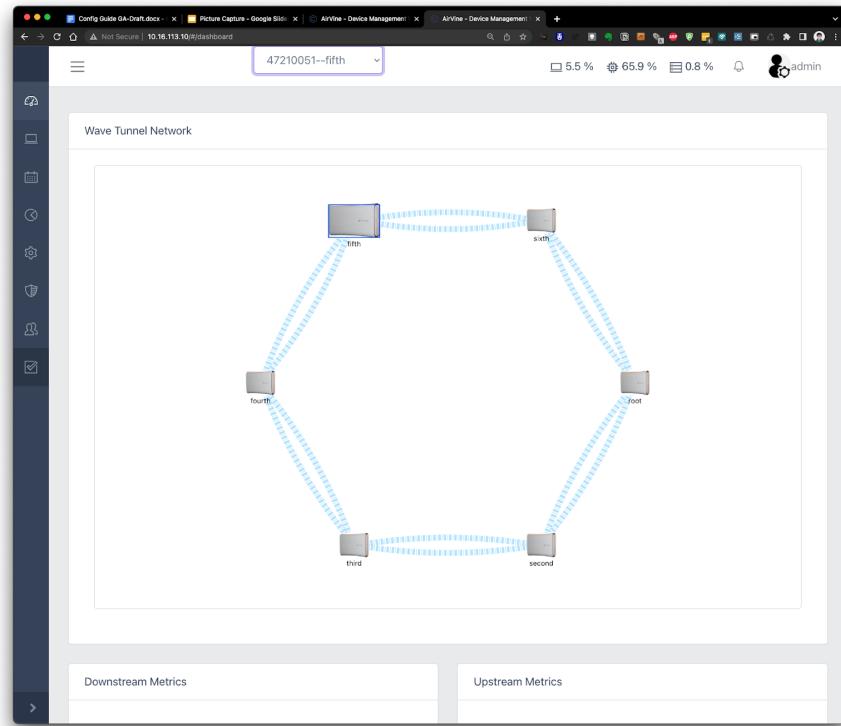
## Checking the Status of the WaveTunnel connections

To check the status of the connections of WaveTunnel devices, there are several pages you can visit to get the information. See the explanations in the following sections.

## [WEB GUI]

## Tunnel Topology

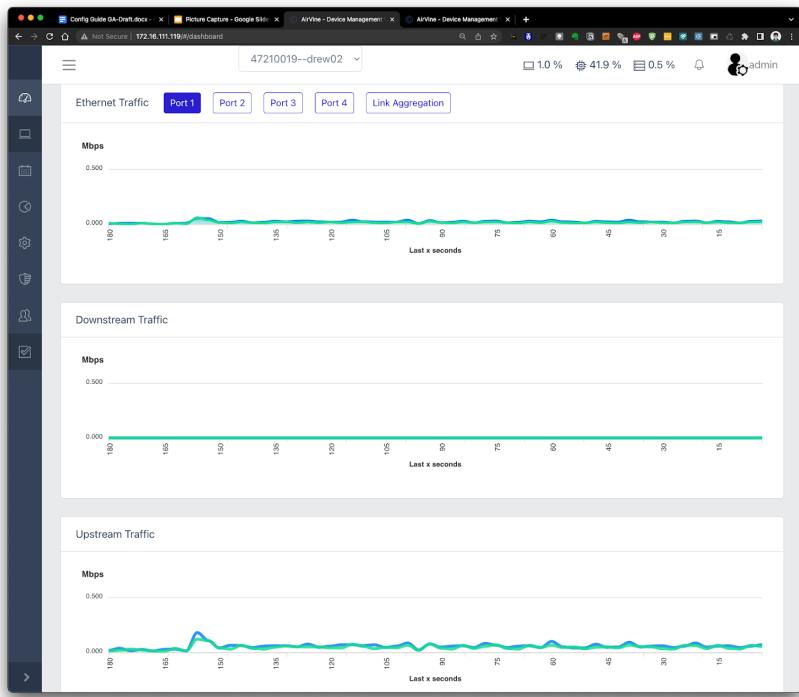
Check the status of connections of your devices and how they are connected. Mouse hover to the device or the link to see more information.



You can check the upstream/downstream tunnel metrics from the “Monitoring-> Wave Tunnel” page.

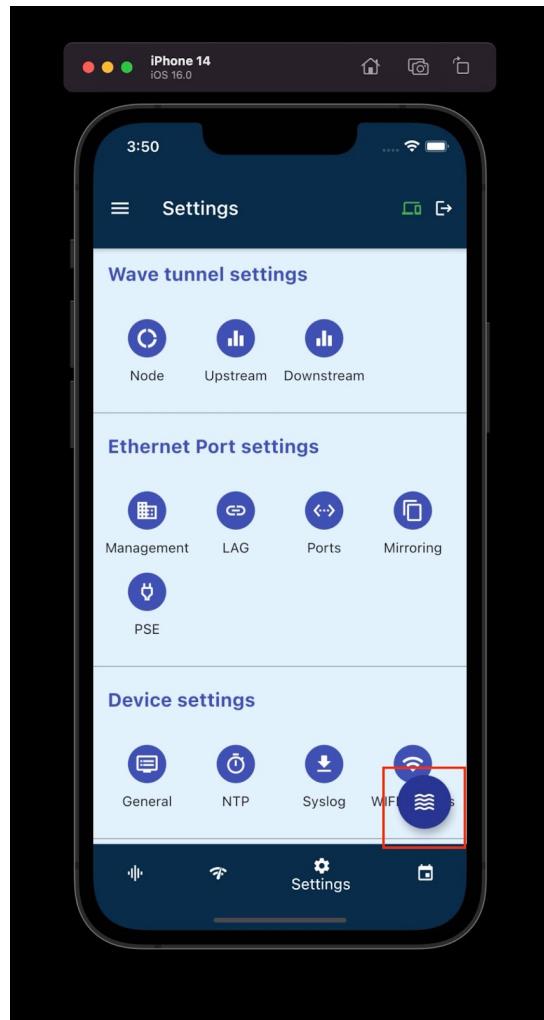
Port Name	Bytes Sent	Bytes Received	Packets Sent	Packets Received	Error In	Error Out	Drop In	Drop Out
Upstream Tunnel	503.6M	405.3M	4,991,695	4,009,107	0	0	0	0
Downstream Tunnel	0.0B	0.0B	0	0	0	0	0	268,614

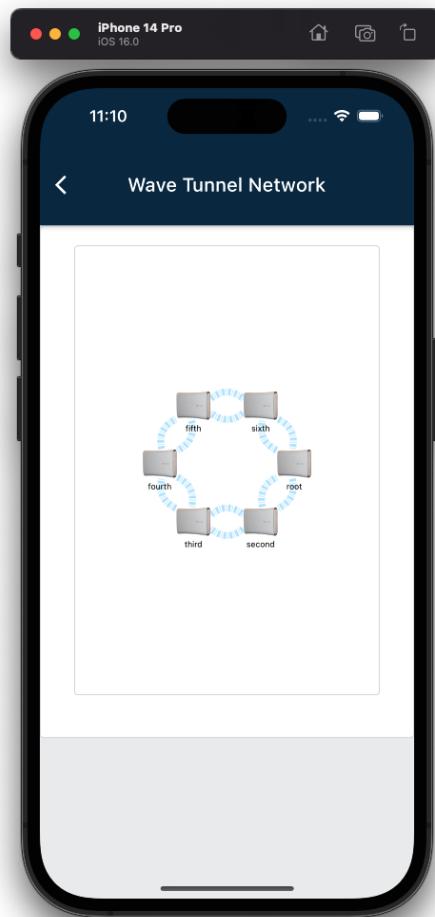
You can also check the Realtime traffic widgets on the Dashboard to see the traffic/bandwidth of your wave tunnel connections.



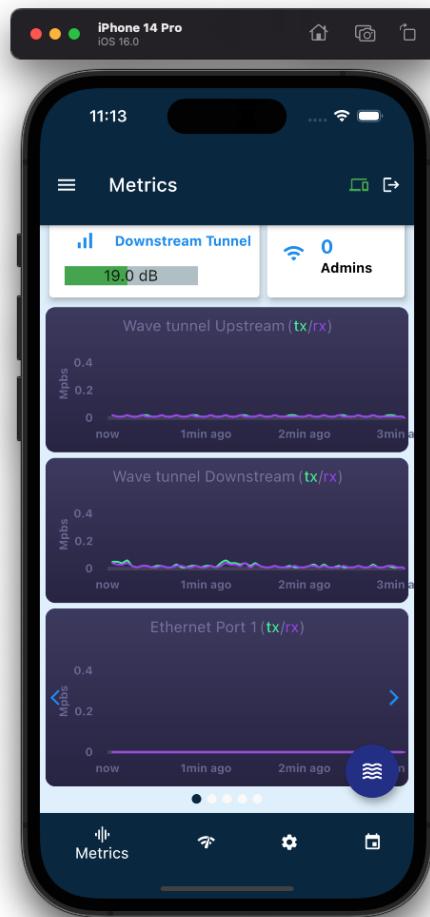
### [Mobile App]

Click the button to check the WaveTunnel connection status.

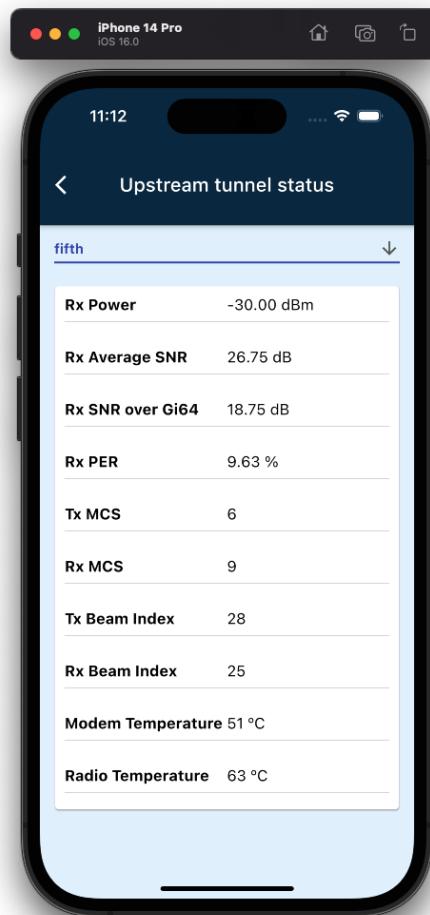




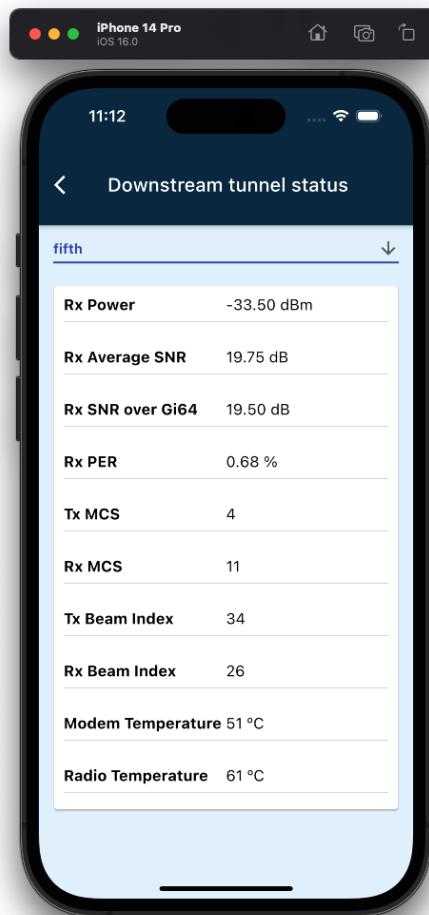
From Dashboard, you can check the real time traffic/bandwidth passing through the WaveTunnel connections.



Check the upstream connection metrics



Check the downstream connection metrics



**[CLI]**

```
show wavetunnel stats
show wavetunnel upstatus
show wavetunnel downstatus
```