

# Remote Administration Setup Guide

NF18MESH



Doc No. FA01255


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Previous versions of this document may have been issued by NetComm Wireless Limited. NetComm Wireless Limited was acquired by Casa Systems Inc on 1 July 2019.

 **Note** – This document is subject to change without notice.

## Document history

This document relates to the following product:

### Casa Systems NF18MESH

Ver.	Document description	Date
v1.0	First document release	23 June 2020

*Table i. – Document revision history*

# Remote Administration Overview

Remote administration allows you to access the NF18MESH web User Interface from a remote computer connected to the internet.

This can also be used to enable your ISP (Internet Service Provider) to check your settings if you experience connection issues.

Before enabling remote access to your NF18MESH, we recommend changing the username and password required to login. Please refer to the ***Change Administration Password Guide*** document for assistance with this. You can also limit access to a specific IP or subnet. This will prevent unauthorized access to your NF18MESH.

## Enabling Remote Administration

- 1 Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type following address into the address bar and press enter.

<http://cloudmesh.net> or <http://192.168.20.1>

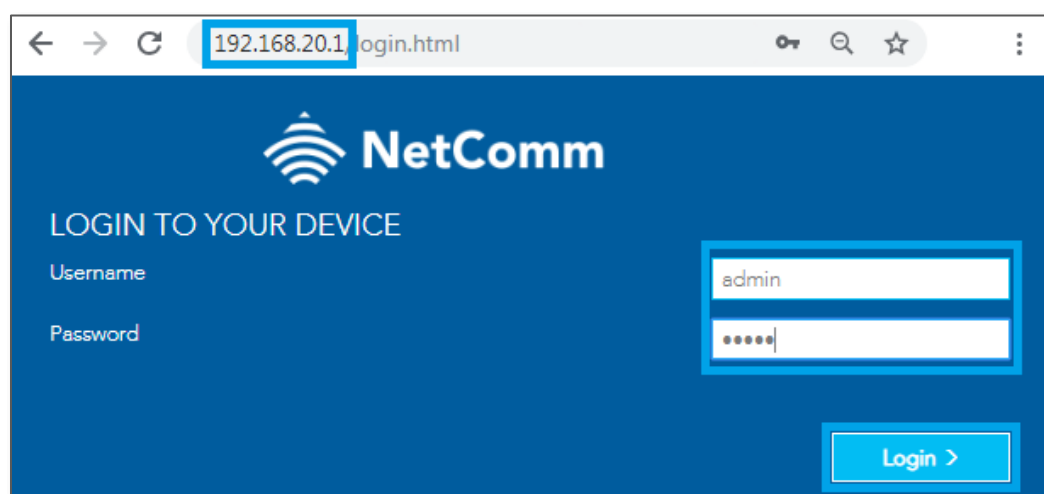
Enter the following credentials:

Username: admin

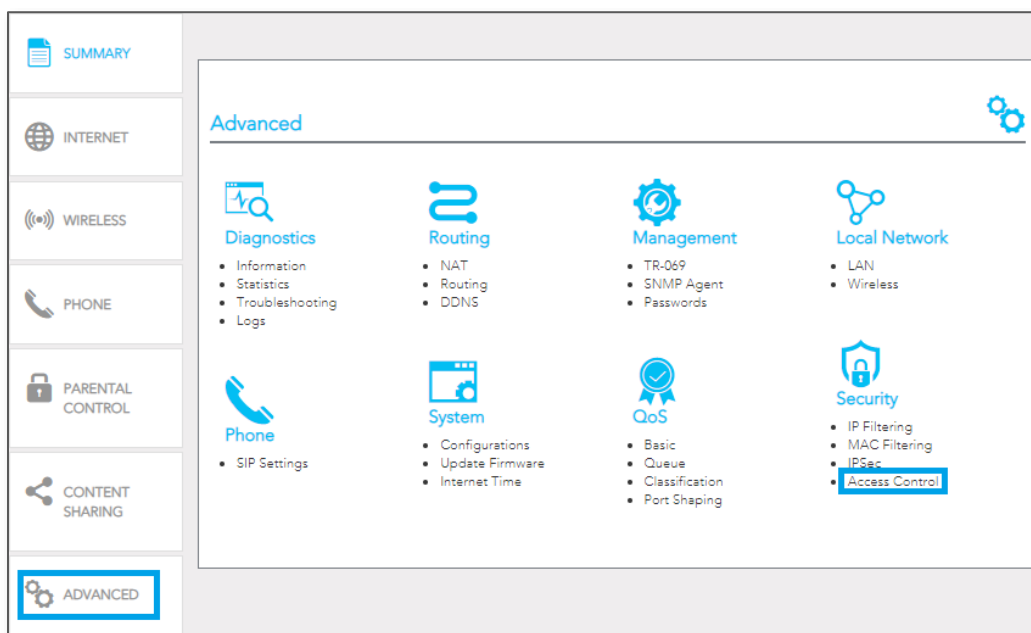
Password: <The password printed on the back of the modem>

then click the **Login** button.

**NOTE – Some Internet Service Providers use custom password. If login fails, contact your Internet Service Provider. Use your own password if it is changed.**



- 2 Click on the **Advanced** on the left, then select **Access Control** located under **Security** option.



- 3 The **Access Control** page will open.
- 4 Select the ☒ **Enable** checkbox of the **WAN** option for the **HTTP Service**.

Services	LAN	LAN Port	WAN	Port
HTTP	<input checked="" type="checkbox"/> Enable	80	<input checked="" type="checkbox"/> Enable	8080
TELNET	<input checked="" type="checkbox"/> Enable	23	<input type="checkbox"/> Enable	23
SSH	<input checked="" type="checkbox"/> Enable	22	<input type="checkbox"/> Enable	22
FTP	<input checked="" type="checkbox"/> Enable	21	<input type="checkbox"/> Enable	21
TFTP	<input checked="" type="checkbox"/> Enable	69	<input type="checkbox"/> Enable	69
ICMP	<input type="checkbox"/> Enable	0	<input type="checkbox"/> Enable	0
SNMP	<input checked="" type="checkbox"/> Enable	161	<input type="checkbox"/> Enable	161
SAMBA	<input checked="" type="checkbox"/> Enable	445	<input type="checkbox"/> Enable	445

**Apply/Save**



**Important** – We strongly recommend that you change the **Port** to something other than **80**. This is just a safety measure and part of best practices.

- 5 Click the **Apply/Save** button.

You should now be able to access your NF18MESH via the address:

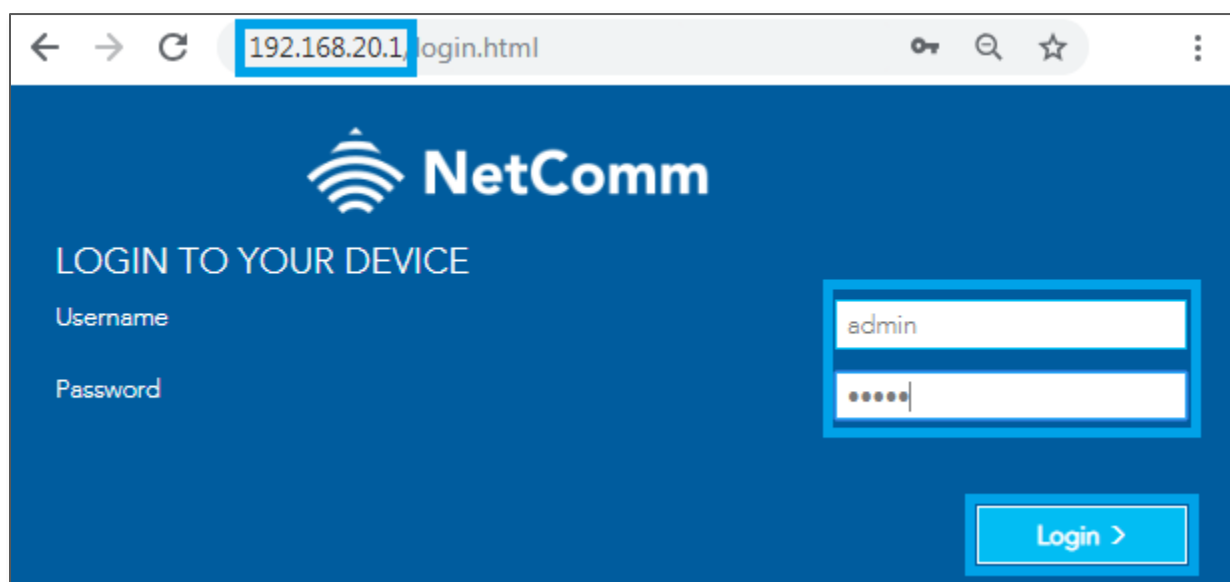
`http://<your external IP address>:<port number>`

You can find your external (public) IP address by going to [www.ipmonkey.com](http://www.ipmonkey.com) or by clicking on **WAN** option under **Device Info**.

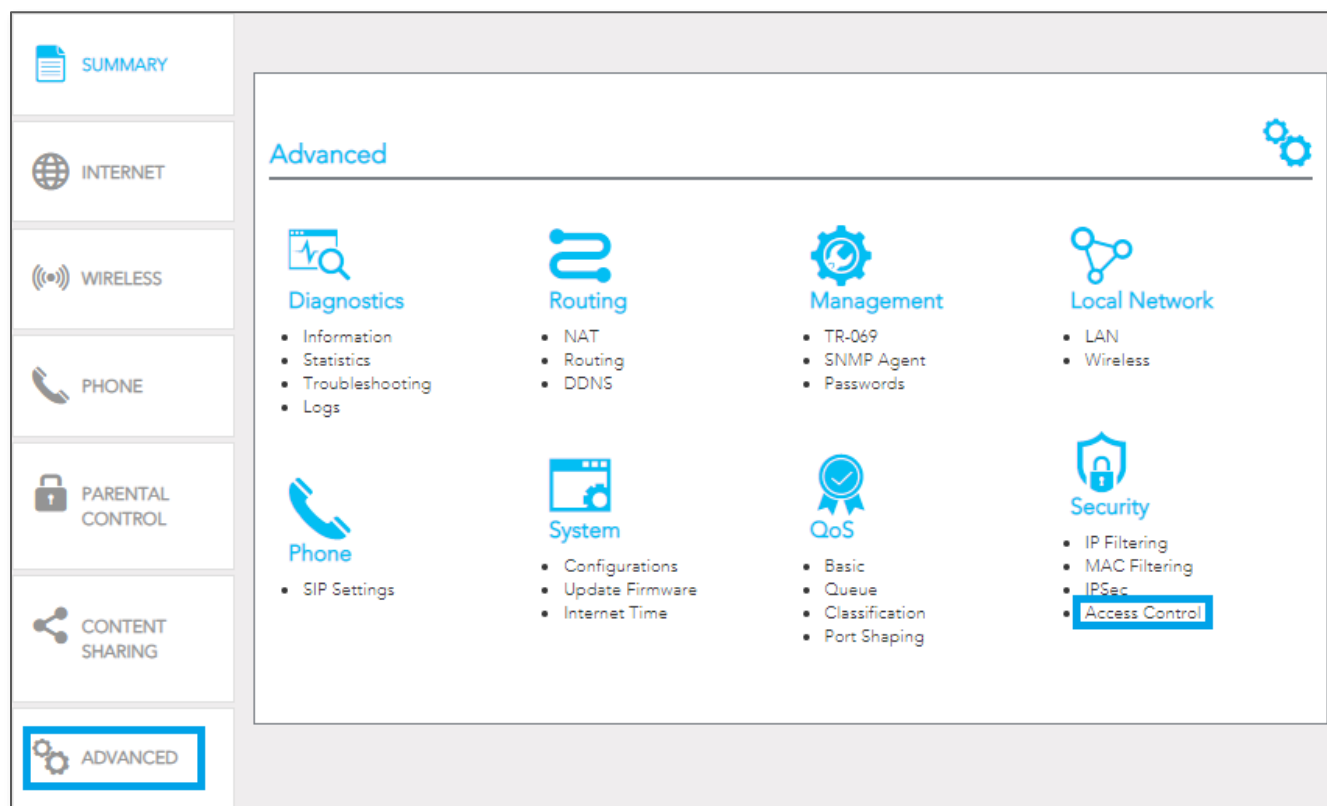
## Restricting Remote Administration to a Particular IP Address(es)

Apart from changing default admin password and web port, you may secure your NF18MESH by configuring which IP address or addresses can remotely access. You can configure either a single IP address or a block of addresses to be allowed access.

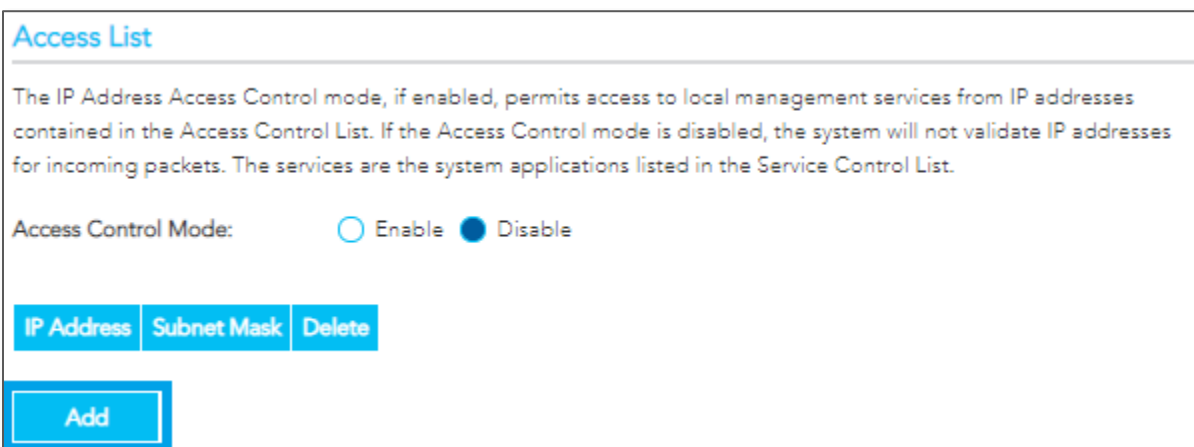
- 1 Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type <http://192.168.20.1> into the address bar and press **Enter**.
- 2 At the login screen, type the **User Name** and the **Password** as printed on the sticker or your own if you have changed them and click the **Login>** button.



- 3 Click on the **Advanced** on the left, then select **Access Control** located under **Security** option.



- 4 The **Access Control** page will open. **Access List** option is located at the bottom of that page. Click on the ADD button to add your list of public IP address.



- 5 The **Add IP Addresses** pop up window appears, in the **IP Address/Mask** text box enter the IP address (block) of the location that you want to allow access to your NF18MESH from.

### Add IP Addresses

Enter the IP address of the management station permitted to access the local management services, and click "Apply/Save".

IP Address: 121.232.111.222

Subnet Mask: 255.255.255.252

Apply/Save Close

This should be a public IP address which you should know beforehand.

This might be an IP address provided by your ISP support team, NetComm support team or a friend who is willing to help you configure something remotely.

- 6 Once configured the **IP Address** will be entered into the list:

### Access List

The IP Address Access Control mode, if enabled, permits access to local management services from IP addresses contained in the Access Control List. If the Access Control mode is disabled, the system will not validate IP addresses for incoming packets. The services are the system applications listed in the Service Control List.

Access Control Mode: ☒ Enable ☐ Disable

IP Address	Subnet Mask	Delete
121.232.111.222	255.255.255.252	Delete

Add

- 7 Once you have valid entry on the list, click on the ☒ **Enable** radio button to enable the access control. Once clicked the settings will be applied automatically, you do not need to press any other button to enable it.

Now only that IP address (block) can access your NF18MESH's web interface. However, you always can configure this through the web interface from local LAN.