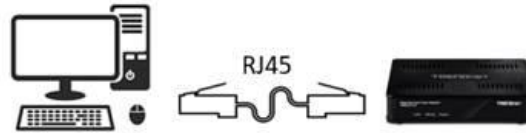# Setup to Access WebUI (Network Security Authentication) 1/2

[Step 1] Connect your MoCA device to computer/ laptop via RJ45 cable

[Step 2] Setup the IP address of computer/ laptop to connect the TMO-311C IP (192.168.144.1)

1 Go to **Control Panel** > **Network Connections** > **Ethernet**

2 Click **Properties**

3 Select **Internet Protocol Version 4 (TCP/IPv4)** then click **Properties**

4 Select **Use the following IP address** and enter the **IP address "192.168.144.1"** then click **OK**

[Note] Please remember to change back the IP address of computer/ laptop once completing settings

[Step 3] Use the browser (Google Chrome or Microsoft Edge or etc.) to enter the default IP address of MoCA device "192.168.144.200" in your computer/ laptop to access the WebUI page.

[Step 4] Login the WebUI
(Account/ Password: admin/ admin) ,and then visit **Security Settings** page for the Network Security Authentication.

WebGUI

Interface Introduction

TRENDnet

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- **MoCA settings**
- **Device settings**
- **Security settings**

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Advanced
- **Upgrade**
- **Reboot**

MoCA Setup

MOCA SETUP

This screen allows changes to basic settings. Click the Save button to save any changes.

COAX SETUP

Band	In Scan List	Scan Mask	Scan Offset	Pri Ch Above Mask	Pri Ch Below Mask
D-Ext	☑	0x00000002aaaa8000	0x00000010	0x0810810200000000	0x0204204000000000
D-Low	☑	0x0000000280000000	0x00000010	0x0810810200000000	0x0204204080000000
D-High	☑	0x0000000000aa8000	0x00000010	0x0810810200000000	0x0204204000000000
E	☐				
F-SAT	☐				
F-CBL	☐				
H	☐				
Custom	☐				

Adapter Name: Master

Network Search Enabled: ☑

LOF: 1150

Tx Power: 10

Beacon Power Level: 10

Preferred NC: ☐

[Save] [Cancel]

Technical Support

This screen is the first screen you will see when accessing the Coax bridge. Most users will be able to configure the bridge and get it working properly using only the settings on this screen. Pick the bands you'd like to scan. The scan offset is the offset in 25MHz steps starting from 0 MHz for the scan mask. The scan mask defines the channels to be scanned. The channel represents the center frequency of the beacon. Tx Power can be used to adjust the TX power for RF interface,and the Preferred NC is related with MoCA spec.Click the button Reboot can reboot the system,Click the button Restores Defaults can restore the system to factory default values.

TRENDnet

Device Setup

DEVICE SETUP

This screen allows changes to device settings, such as IP mode and telnet. Click the Save button to save any changes.

LOCAL SETUP

IP Configuration:

○ DHCP automatic configuration
○ Link Local automatic configuration
○ DHCP & Link Local automatic configuration
● Static IP Address:

IP Address: `192.168.144.200`

Netmask: `255.255.255.0`

Gateway: `0.0.0.0`

● Enable

Telnet Timeout Interval (60-1800): `60`

○ Disable

[Save] [Cancel]

This screen allows you to configure the IP mode and telnet server. Select 'DHCP automatic configuration' if your network has a DHCP server. If you choose Static IP address, you must configure the IP address for each coax bridge (note that each IP address must be unique. The new IP address will be used only after reset). Select 'c.Link Local automatic configuration' if there are no DHCP server in this network and you want make zero config for the IP. The IP address will not apply if Automatic Configuration (DHCP) is selected. If you enable MoCA telnet, then you can access the bridge by telnet protocol.

TRENDNET

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SECURITY

For security reasons, you had better change the password. Your password must not be too short or too long, and it cannot contain any spaces.

ADMIN SECURITY SETUP

Old Password: [   ] (Enter old password)

New Password: [   ] (15 Characters Max, 4 Characters Min)

Confirm Password: [   ] (15 Characters Max, 4 Characters Min)

[Save] [Cancel]

NETWORK SECURITY SETUP

Band	Security Enabled	New Password	Confirm Password
D-Ext	☐	99999999988888888	99999999988888888
D-Low	☐	99999999988888888	99999999988888888
D-High	☐	99999999988888888	99999999988888888
E	☐	99999999988888888	99999999988888888
F-SAT	☐	99999999988888888	99999999988888888
F-CBL	☐	99999999988888888	99999999988888888
H	☐	99999999988888888	99999999988888888
Custom	☐	99999999988888888	99999999988888888

[Save] [Cancel]

This screen allows you to change the admin password for the bridge and the network security password for the Coax network. It is strongly recommended that you change the factory default password, the default admin password is maxlinear and the default network password is 99999999988888888. All users who try to access the bridge will be prompted for the bridge's password. The new admin password must not exceed 15 characters in length and must not include any spaces. The new network security password must be 12~17 digits.

[Technical Support](#)

TRENDnet

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Device Status

DEVICE STATUS

The following display shows the current status and settings.

DEVICE STATUS

SOC Version:	MXL370x.2.12.8
My MoCA Version:	2.0
Network MoCA Version:	2.0
IP Address:	192.168.144.200
MAC Address:	00:05:9e:99:36:74
Link Status:	Up
Beacon Channel:	1150
Primary Channel:	1175
Secondary Channel:	1300
First Channel:	N/A
Number of Channels:	N/A
Ethernet TX:	Tx Good: 441
	Tx Bad: 0
	Tx Dropped: 0
Ethernet RX:	Rx Good: 128
	Rx Bad: 0
	Rx Dropped: 0
GPIO:	0x000002bd

Refresh

This screen displays the current firmware version. Firmware should only be upgraded if you experience problems with the bride. Also displays the current IP address and MAC address of the bridge.The link status,node version and MoCA network version are displayed here.

Technical Support

PHY Rates

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MoCA settings

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PHY RATES

The following table shows the PHY rate in Megabits per second (Mbps) between coax bridges on the network.
NOTE: Either NPER or VLPER will be displayed for MoCA 2.5 nodes based on value of boot config parameter "txpriorityper".

PHY RATES

This screen displays the current link status (PHY rate in Mbps) of each coax bridge relative to other nodes on the coax network.This data rate is an average of the Tx and Rx data rates between bridges.

Type: ● Unicast NPER   ○ Unicast VLPER

From/To	0	1
0	701	1402
1	1402	701

Legend

MoCA 2.5	MoCA 2.0	MoCA 1.x	GCD

Refresh

Technical Support

TRENDnet

Settings

- MoCA settings
- Device settings
- Security settings

Status

- Device Status
- Phy Rates

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Upgrade

You must be very careful when upgrade firmware,it may damage your device and can not work.you should following the step and do not remove power.

UPGRADE HOSTLESS MOCA FIRMWARE

Follow below steps to upgrade hostless MoCA firmware.

FIRMWARE UPGRADE STEPS

1) Use the Choose File button to select the new Hostless MoCA firmware image file (bin file).
2) Click the Upgrade button.
3) Wait for the completion status screen to appear. A typical upgrade requires 60-90 seconds for the flash to be updated.
4) Click the Reboot button.
!!! Do not turn-Off the device when firmware download is in progress !!!

Active Image Version: 2.12.8
Backup Image Version: 2.12.8
F/W Config.: MoCA D-band L2 20200525 EV

File: Choose File No file chosen

Upgrade   Clear Selection

Technical Support

TRENDnet

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Reboot

DEVICE REBOOT

Click the button below to reboot the device.

REBOOT

Reboot may take about 10 seconds.
When rebooting this page will count down for 10 seconds,
And it will try connect to index page automatically.
Please refresh this page or input the correct URL address manually if it is failed to connect with index page.

[Reboot]