

# MESH-1200 Quick Installation Guide

Document number: 830-04378-01



## Inside the Box

- 1 x MESH-1200 Controller
- 1 x MESH-1200 Agent
- 2 x Power supplies
- 1 x CAT 5E cable

## System Description

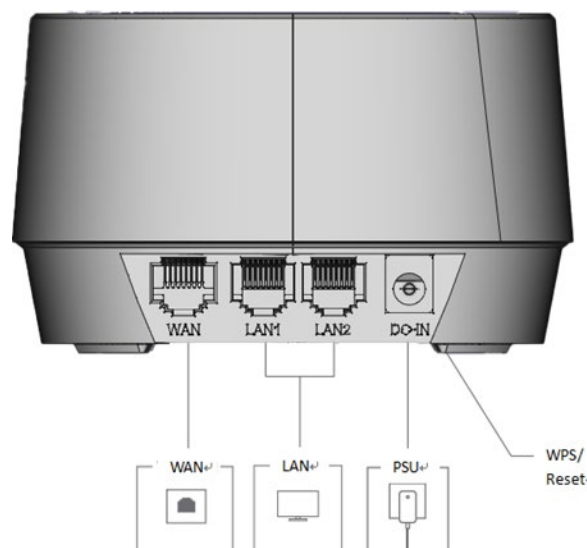
The MESH-1200 is a dual-band Wi-Fi router that can operate either as a single device, or as part of an EasyMesh ecosystem. The unit supports both layer two and three operation when in controller mode. In addition, the unit can also operate as a standard Wi-Fi repeater using the 5GHz radio.



## System LED description

Indicator	Color	Behavior	Definition	
<b>Power</b>	Blue	Solid on	Power on	
		Off	Power off	
<b>WPS</b>	Blue	Slow blink	WPS normal	
		Rapid blink	WPS abnormal	
<b>2.4G</b>	Blue	Solid on	WiFi service is enabled	
		Blink	WiFi data transmitting	
		Off	WiFi service is disabled	
<b>5G</b>	Blue	Solid on	WiFi service is enabled	
		Blink	WiFi data passing between devices	
		Off	WiFi service is disabled	
<b>WAN</b>	Controller	Blue/Red	Blue solid on	Internet service is available
			Red solid on	Internet service is unavailable
			Off	Not ready
	Agent	Blue/Red	Blue solid on	Cable connect Mesh configured successfully
			Blue solid on	WiFi connected Mesh configured successfully (strong signal)
			Red solid on	WiFi connect Mesh configured successfully (poor signal)
			Off	Not ready
<b>LAN</b>	Blue	Solid on	Ethernet interface linked	
		Blink	Data transmitting	
		Off	Ethernet interface not linked	

## Ports and button



Ports/Button	Description	Color
<b>WAN</b>	For a Controller unit: used to connect to the Internet (connection to the main Gateway)	Blue
	For an Agent unit: port may be used for: <ul style="list-style-type: none"> <li>a) Wired connection to the LAN and the Controller</li> <li>b) Wired connection for user devices for internet access (e.g. Set Top Boxes, Smart TVs, Google Chromecast, etc.)</li> </ul>	
<b>LAN1</b>	RJ45 Gigabit Ethernet LAN Port	White
<b>LAN2</b>		White
<b>DC-IN</b>	Power input from Power Supply unit	Black
<b>WPS/Reset</b>	Press 1 to 5 seconds to enable WPS WPS button used for Controller and Agent EasyMesh pairing by pressing for ~3 seconds on both units at the same time	White
	When pressed for more than 10s the device will reboot When pressed for more than 30s the device restores the factory settings	

## Installation instructions

### 1) Using the system default credentials

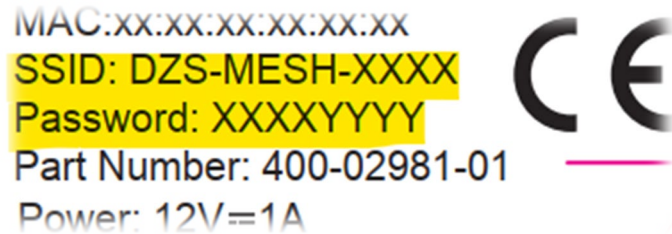
- a) Find the MESH-1200 unit labeled “Controller” - The unit has a © on the unit label located on the back of the unit.



- b) Connect power by plugging the provided PSU to an electric wall outlet and the barrel connection on the corresponding port on the back of the unit
- c) Plug on end of the provided CAT 5E Ethernet cable in the WAN port of the unit – the WAN port is labeled BLUE – plug the other end of the cable to a free Ethernet port on the gateway / modem from the service provider
- d) Take the second unit, the Agent, and power it up not more than 5 to 10 meters away from the controller
- e) Connect power to the Agent unit by repeating step 2
- f) Wait for 30s
- g) Press the WPS button on both Controller and Agent units at the same time, for 3 to 5 seconds
- h) Wait 30 seconds.
- i) Place the Agent on a convenient location (typically 20 to 30 meters away from the Controller and one or two walls

in between)

- j) Connect your device (phone, tablet or PC) to the EasyMesh network using the provided credentials on the Controller unit label:



- k) Process completed

Continue only if you require to change the default credentials.

## 2) Setting router password and Wi-Fi credentials

This process assumes you have already completed [section 1](#).

Using your PC, smartphone or tablet, open a browser and type <http://192.168.10.1> in the search bar. If this is the first time you log in the unit will prompt you change the password.

1. Set login password of the router

Default login password is as follows (same as the bottom box label). If you need to modify, please enter a new password and keep it properly.

Current EasyMesh role : Controller

Login password zY37d2h6

Set login password

Skip password settings



The screenshot shows a web interface for setting the login password. It includes a title, a note about the default password, the current role (Controller), a password input field with the value 'zY37d2h6', and two buttons: 'Set login password' and 'Skip password settings'.

Set the desired password and click “Set login password” or click on “Skip password setup” and use the default password for the admin user located on the unit label. Click “Login” to enter the WEB GUI.

Next, the wizard gives you the option to change the default EasyMesh / Wi-Fi configuration:

### 2. Wireless settings

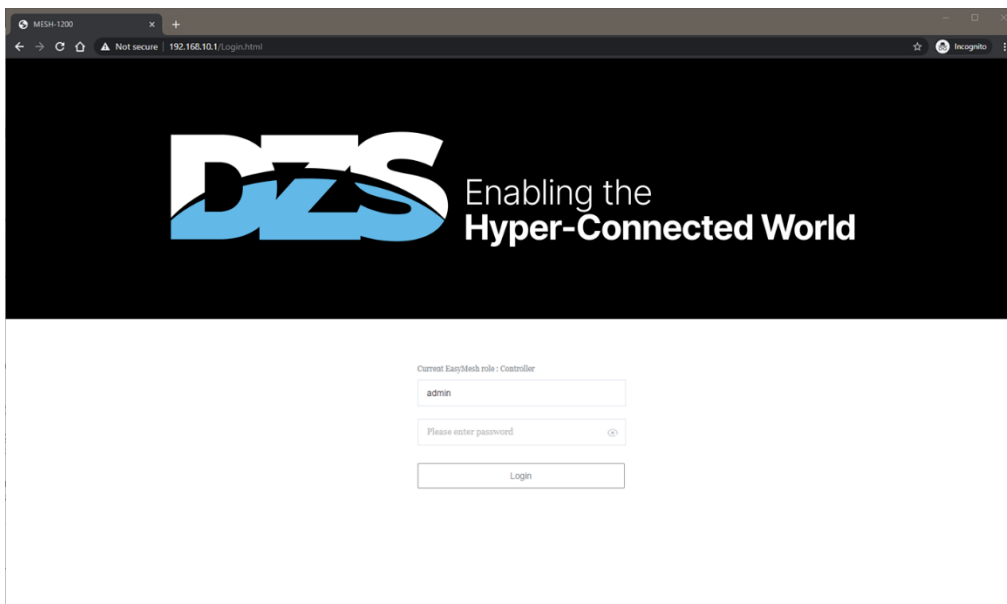
Default wireless password is as follows (same as the bottom box label). If you need to modify, it is recommended to set a strong password.

EasyMesh enable	<input checked="" type="checkbox"/>
EasyMesh role	<input checked="" type="radio"/> Controller <input type="radio"/> Agent
2.4G wireless name	CMCC-KKZ4
5G wireless name	CMCC-KKZ4-5G
Password	Ztd3LTtc  

[Skip wizard](#)

The recommended configuration is to leave EasyMesh enabled. It is also recommended, but not mandatory, to configure the same SSID for both 2.4GHz and 5GHz radio. Once the desired names and passphrases have been defined, click “Complete” to save the configuration, or “Skip wizard” if you decide to keep the default credentials.

After saving the configuration the Wi-Fi interface will reinitialize. If the device you are using gets disconnected from the Wi-Fi network, reconnect or wait until the device reconnects on its own. After the process, then the user will be presented with the login screen.



The installation is not complete, you may close the browser and start using your Wi-Fi network.

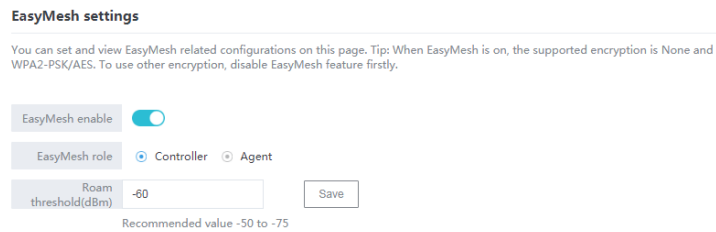
## Other settings (optional)

### Role setting

The EasyMesh role function may be manually changed if necessary. To set up the EasyMesh ecosystem two units are required, one has to be set as “Controller” and one as “Agent”.

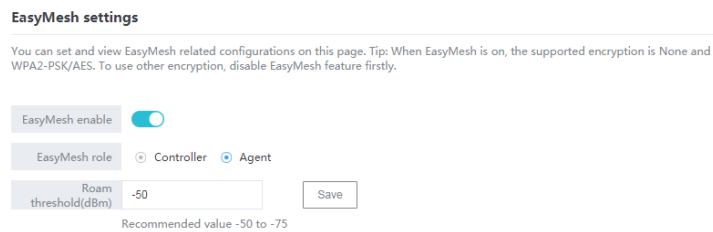
#### Set router as Controller

Navigate to "EasyMesh" > "EasyMesh settings" and click "EasyMesh enable" if not enabled by default; select the "Controller" role and click “Save”.



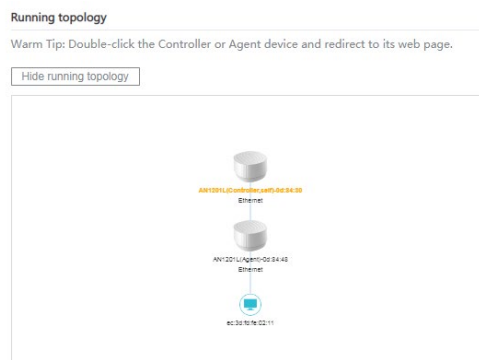
#### Set router as Agent

Navigate to "EasyMesh" > "EasyMesh settings" and click "EasyMesh enable" if not enabled by default; select the "Agent" role and click “Save”.



## EasyMesh Status

Navigate to "EasyMesh" > "Running Topology". The “Controller” unit will display a graphical view of the EasyMesh network, including all access points and connected devices.



# Compliance Statement

This document contains domestic and international regulatory

## FCC Part 15

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 generate, 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.

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.

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.

### RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This product may not be collocated or operated in conjunction with any other antenna or transmitter

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

### California Proposition 65 Warning

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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[REMAINING SECTIONS INTENTIONALLY LEFT BLANK]