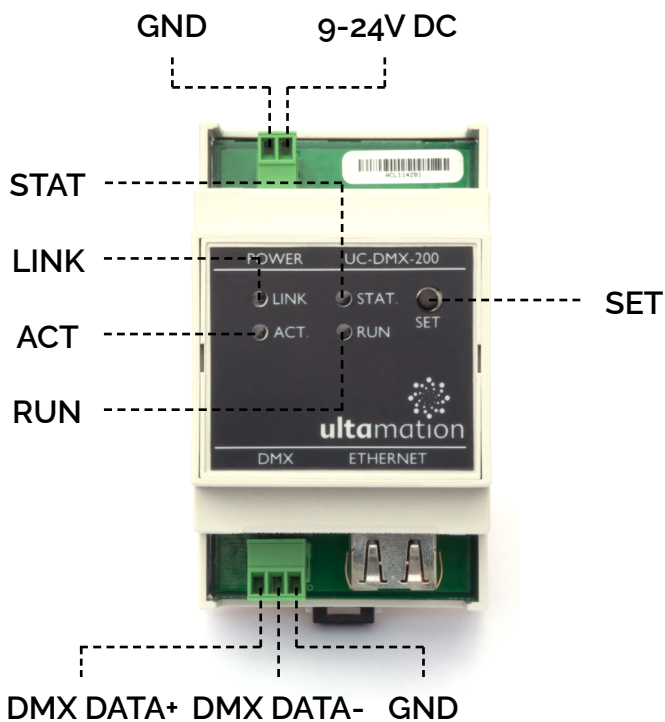


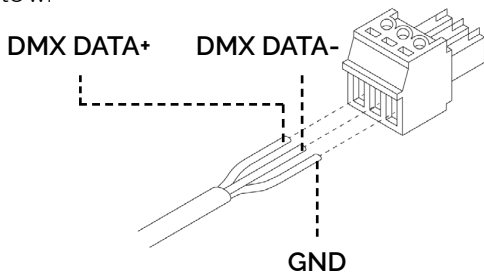
UC-DMX-210

DIN-RAIL ETHERNET TO DMX QUICK START GUIDE



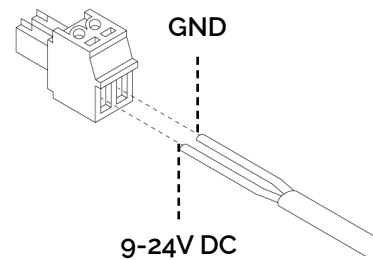
Step 1

Insert DMX Data + (Left), DMX Data - (Middle) and GND (Right) into the holes of the block shown below.



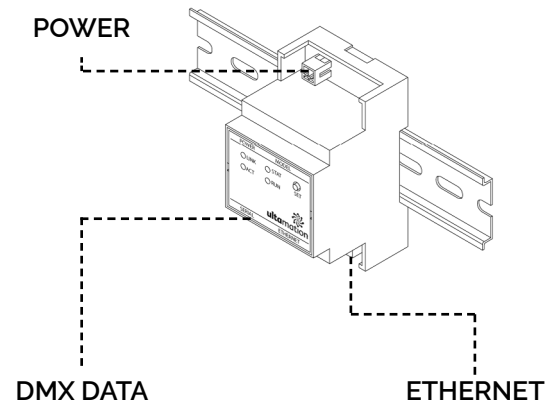
Step 2

Insert 9-24V DC, and GND into the the holes of the block shown below.



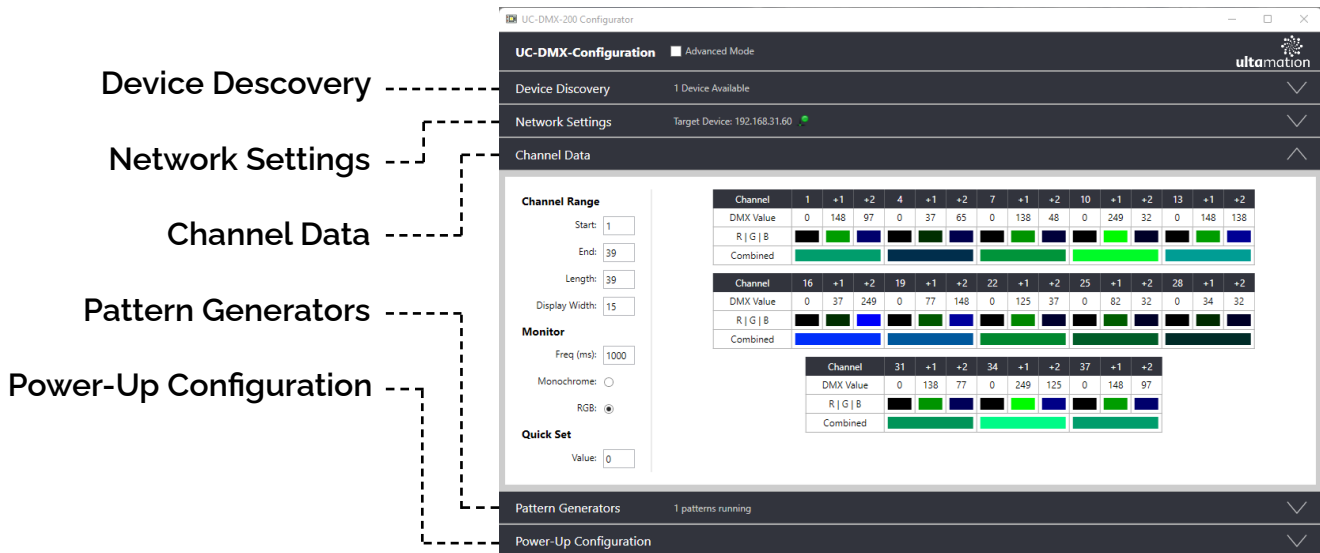
Step 3

Make connections to the UC-DMX-200 device as shown below.



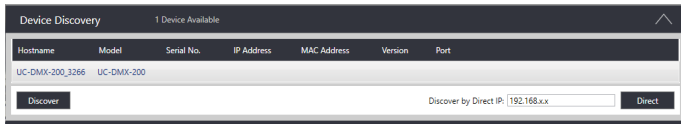
Step 4

Download and run Ultamation's UC-DMX-2** Configurator Tool from the product page below <https://shop.ultamation.com/index.php/hikashop-category-information-menu-129/product/235-dmx-210-controller>



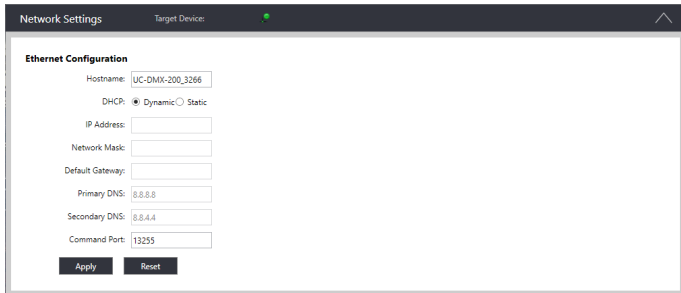
Step 5

Find the device on the network through auto discovery. The device ships with DHCP enabled.



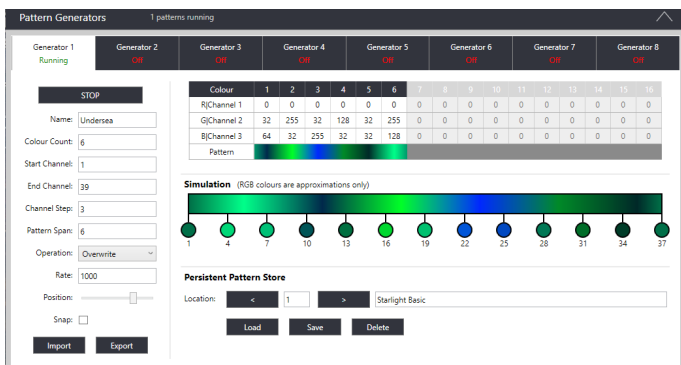
Step 6

Configure the device's Ethernet settings and click apply.



Step 7

Use the pattern tab to edit the device's pattern generators, if desired.



Step 8

The channel data tab display's the current data of each DMX channel for the selected device.

Step 9

The device is now ready for use.

[Crestron Home modules](https://shop.ultamation.com/index.php/product/151-dmx-crestron-home-driver)

<https://shop.ultamation.com/index.php/product/151-dmx-crestron-home-driver>

[Crestron custom modules](https://shop.ultamation.com/index.php/product/85-dmx-controller)

<https://shop.ultamation.com/index.php/product/85-dmx-controller>

Refer to documentation for details on DMX wiring, patterns, etc

Restore to defaults

Please follow these steps to restore the device to factory default settings.

1. Remove power cable from the device
2. Hold down the "SET" button on the device
3. Re-insert power cable back into the device
4. The status light will flash and then go solid
5. Wait for 4 seconds
6. The status light will go out briefly
7. Release the "SET" button
8. The status light will flash rapidly indicating the controller is re-starting and is now reset to default settings (i.e. DHCP)

Configuration Tool Overview

Device Discovery

Hostname	The device's hostname
Model	The device's model type
Serial No	The device's serial number
IP Addr	The device's current IP address
Mac Addr	The device's MAC address
Version	The device's firmware version
Command Port	The device's command port number
Discover	Rediscover devices on the network

Network Settings

Hostname	Rename the hostname of the device
DHCP	Set the device's IP configuration
IP Address	Edit device's IP address
Network Mask	Edit device's subnet mask
Default Gateway	Edit the device's default gateway
Primary DNS	Edit the device's primary DNS
Secondary DNS	Edit the device's secondary DNS
Command Port	Edit the device's command port

Pattern Generators

Generator 1-2	Select a pattern you wish to edit
Run / Stop	Start & stop the selected pattern
Name	Rename the pattern
Colour Count	Set the number of colours used in the pattern
Start Channel	Select the channel the pattern will start from
End Channel	Select the channel the pattern will continue to (inclusive)
Channel Step	The number of channels between each fixture. For RGB this would be 3
Pattern Span	How many steps the pattern covers the selected range

Operation	How this pattern is applied to existing channel data.
Rate	The speed the pattern will run
Position	Signed 16 bit for the current position of the pattern
Snap	Off = smooth transition between values On = Snaps to each value
Import	Import a pattern from a file
Export	Export a pattern to a file

Persistent Store

Location	Select a pattern store slot 1-255
Load	Load the selected pattern to the current pattern generator
Save	Save the current pattern generator to the selected slot
Delete	Erase the current slot

Channels

Start	Show from dmx channel
End	Show to dmx channel
Length	Length of dmx channels shown
Display Width	Width the grid is arranged on screen (visual only)
Freq (ms)	Speed at which the data from the device updates.
Monochrome	Sets the channels to show only in grayscale
RGB	Show dmx channels as RGB colours (assumes a step of 3)
Value	Sets the value of all channels in the given range

Power-Up Configuration

Save Active State	Store the current state of the patterns as the power up state
Reset Config	Reset pattern generators
Reset Network	Reset the network setting back to DHCP