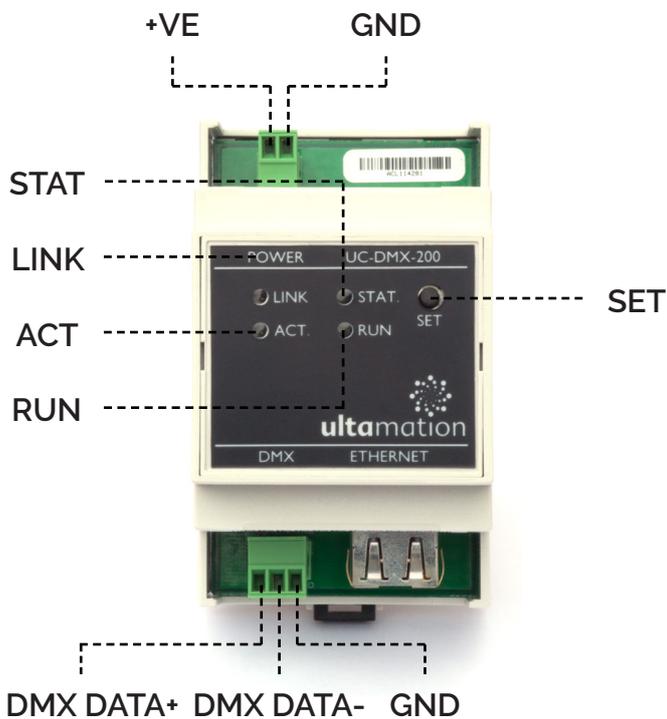




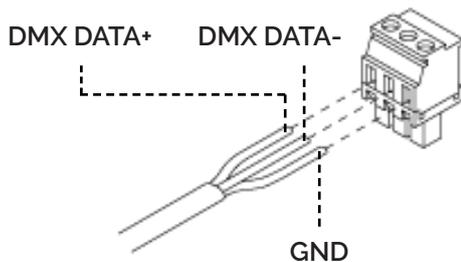
ultamation

UC-DMX-200 DIN-RAIL ETHERNET TO DMX QUICK START GUIDE



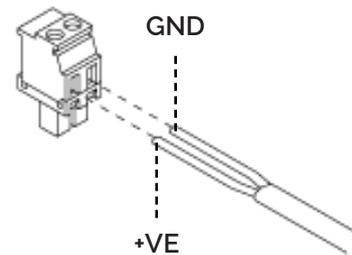
Step 1

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



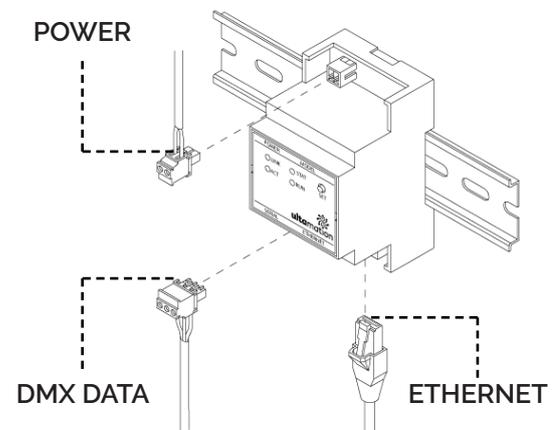
Step 2

Insert +VE (Left), and GND (Right) into the the holes of the block shown below.



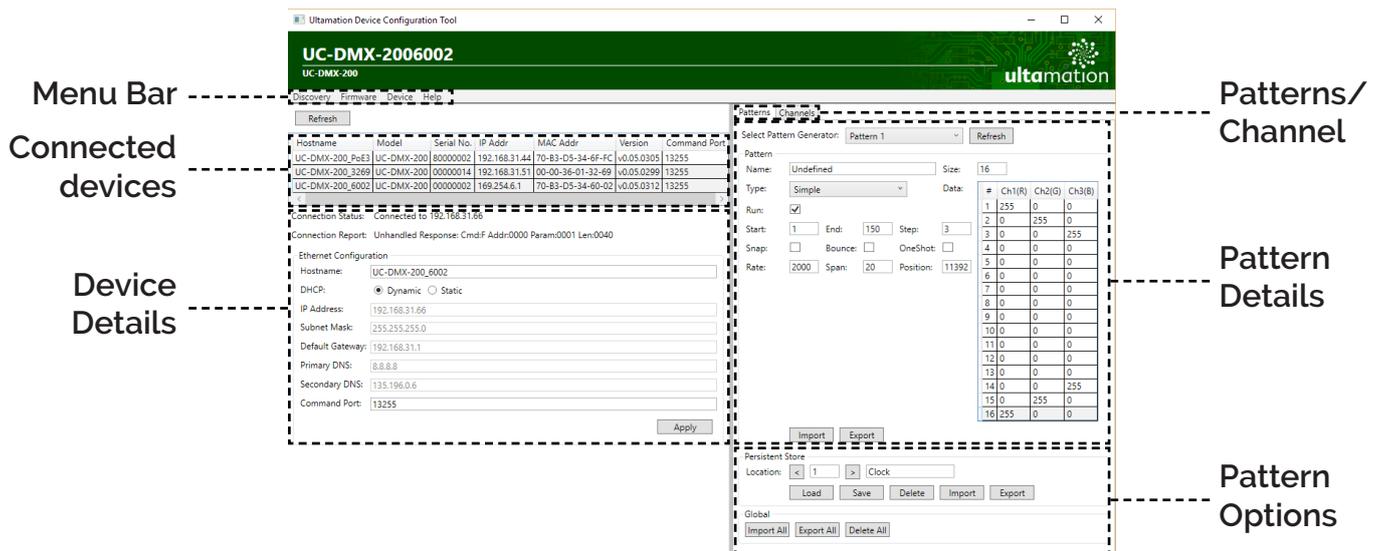
Step 3

Insert connectors into UC-DMX-200 device as shown below.



Step 4

Run Ultamation's Device Configuration Tool. Download this from the product page at <http://shop.ultamation.com>



Step 5

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

Hostname	Model	Serial No.	IP Addr	MAC Addr	Version	Command Port
UC-DMX-200_PoE3	UC-DMX-200	80000002	192.168.31.44	70-83-D5-34-6F-FC	v0.05.0305	13255
UC-DMX-200_3269	UC-DMX-200	00000014	192.168.31.51	00-00-36-01-32-69	v0.05.0299	13255
UC-DMX-200_6002	UC-DMX-200	00000002	169.254.6.1	170-83-D5-34-60-02	v0.05.0312	13255

Step 6

Configure the device's Ethernet settings and click apply.

Connection Report: Unhandled Response: Cmd#F Addr:0000 Param:0001 Len:0040

Ethernet Configuration

Hostname: UC-DMX-200_6002

DHCP: Dynamic Static

IP Address: 192.168.31.66

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.31.1

Primary DNS: 8.8.8.8

Secondary DNS: 135.196.0.6

Command Port: 13255

Apply

Step 7

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

Patterns Channels

Select Pattern Generator: Pattern 1 Refresh

Pattern Name: Undefined Size: 16

Type: Simple Data:

#	Ch1(R)	Ch2(G)	Ch3(B)
1	255	0	0
2	0	255	0
3	0	0	255
4	0	0	0
5	0	0	0
6	0	0	0

Run:

Start: 1 End: 150 Step: 3

Snap: Bounce: OneShot:

Rate: 2000 Span: 20 Position: 11392

Global Import All Export All Delete All

Step 8

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

Step 9

The device is now ready for use. If the device is to be used in a crestron installation, download the crestron modules and example program from the product page at <http://shop.ultamation.com> for futher instructions.

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

Refresh	Update the device discovery list
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

Ethernet Configuration

Hostname	Rename the hostname of the device
DHCP	Set the device's IP configuration
IP Address	Edit device's IP address
Subnet 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

Patterns

Select Pattern Generator	Select a pattern you wish to edit
Refresh	Refresh the pattern list
Name	Rename the pattern
Size	Change the pattern length (1-16)
Type	Change the pattern type
Run	Start or stop the pattern running
Start	The starting channel of the pattern
End	The end channel of the pattern
Step	Number of channels which make up each step of a pattern. For RGB set to 3. For monochrome lights set to 1.

Snap	Off - smooth transition between values On - Snaps to each value
Bounce	Off - Pattern runs one way On - Pattern switches between forwards and backwards
Rate	The speed the pattern will run
Span	How many steps of the pattern covers the selected range
Position	Signed 16 bit for the current position of the pattern
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
Import	Import a pattern from a file to the selected slot
Export	Export the selected slot pattern to a file

Channels

Monitor	Enable the channel monitor
Start	Show from dmx channel
End	Show to dmx channel
Length	Length of dmx channels shown
Width	Width grid is arranged
Display as RGB	Show dmx channels as RGB colours (asumes a step of 3)