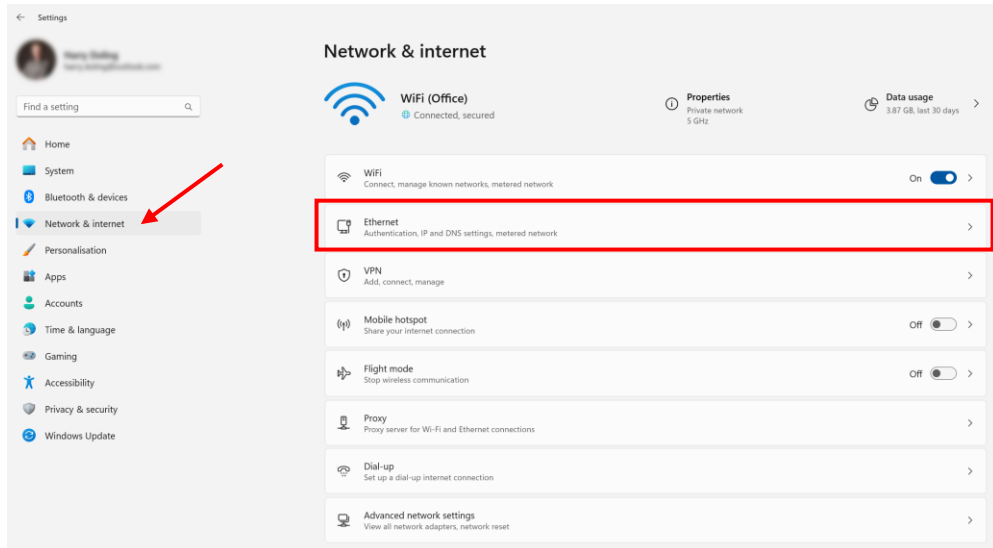


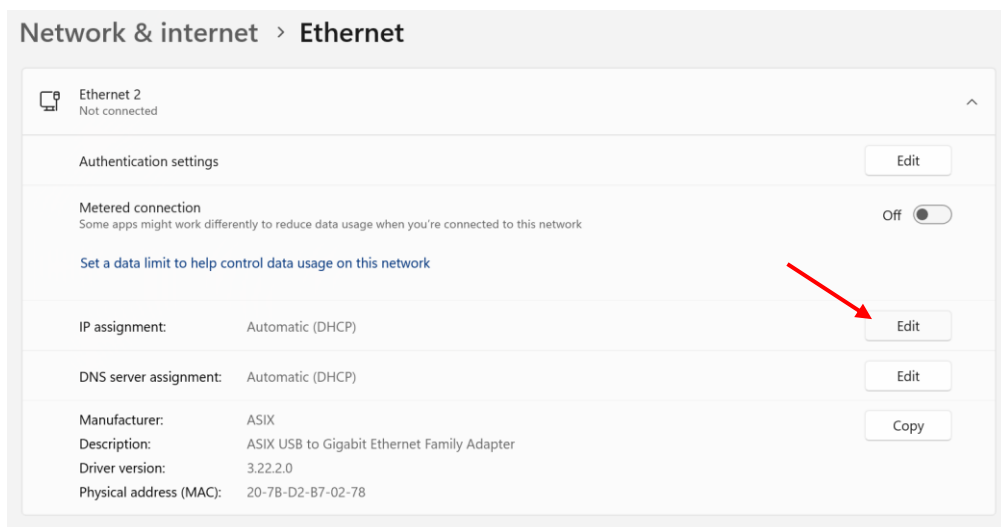
Strata DMBM Setup Guide for Rako

Strata DMBM Setup

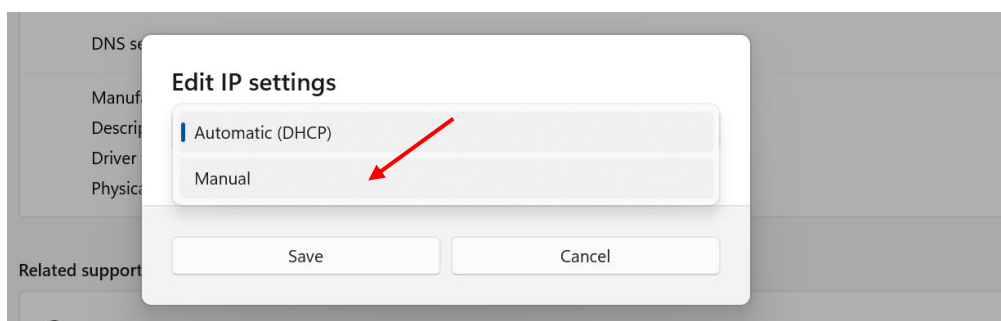
1. Power up the Strata DMBM. The default IP is 192.168.0.1
2. Connect your laptop to the DMBM via an ethernet cable
3. Change your laptops IP Assignment by heading to settings > Network & Internet > Ethernet



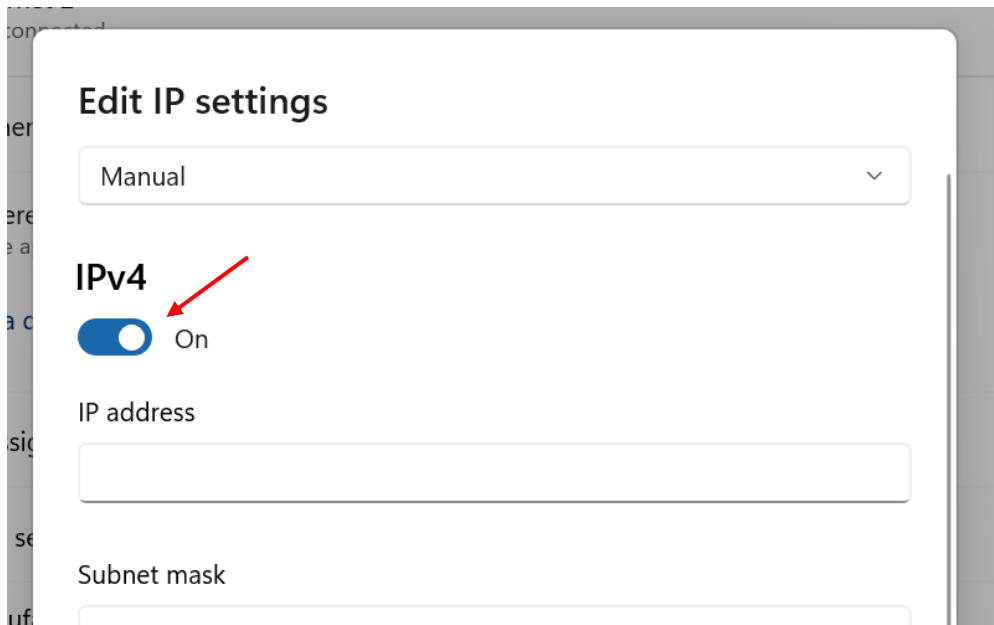
4. Click 'Edit' against IP assignment



5. Change the IP settings to 'Manual'



1. Turn 'IPv4' On



Edit IP settings

Manual

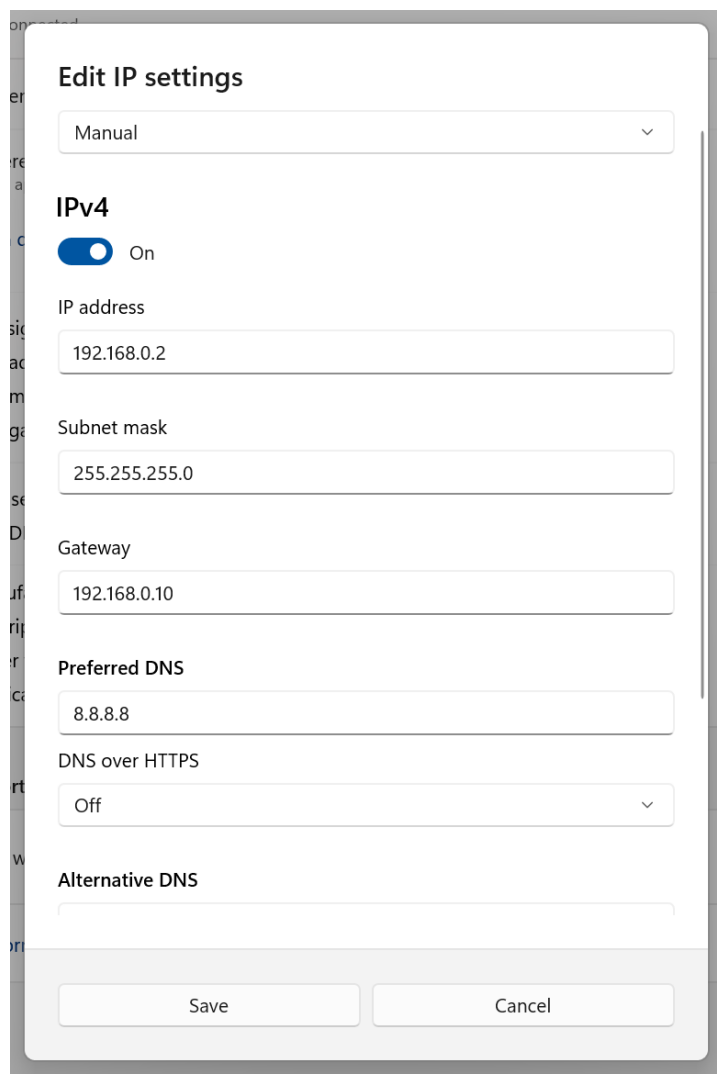
IPv4

☒ On

IP address

Subnet mask

2. Enter the following details and click Save:



Edit IP settings

Manual

IPv4

☒ On

IP address

192.168.0.2

Subnet mask

255.255.255.0

Gateway

192.168.0.10

Preferred DNS

8.8.8.8

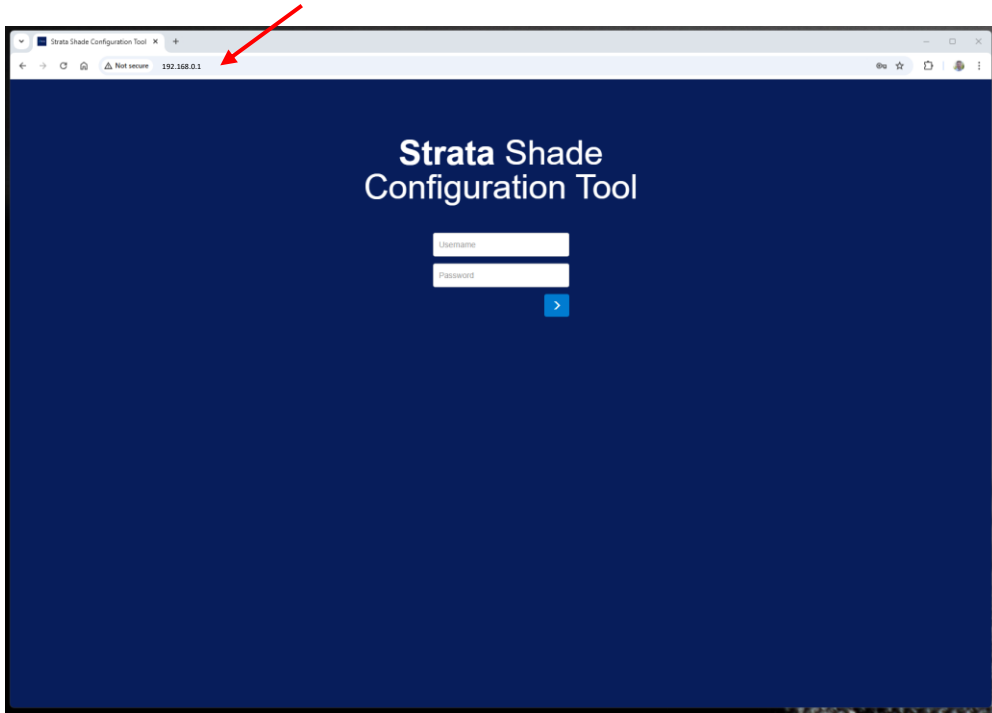
DNS over HTTPS

Off

Alternative DNS

Save Cancel

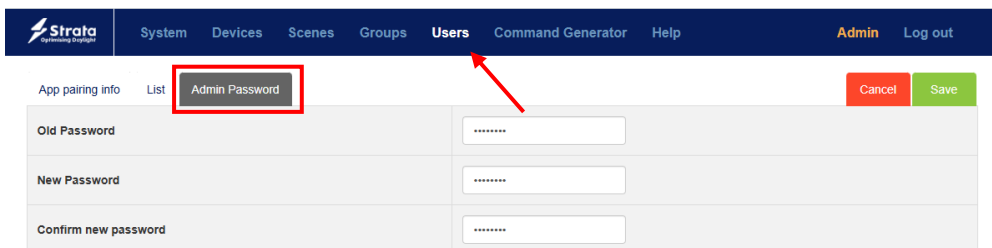
1. Go to a browser (we recommend using Google Chrome) and type: 192.168.0.1 into the URL address bar at the top.



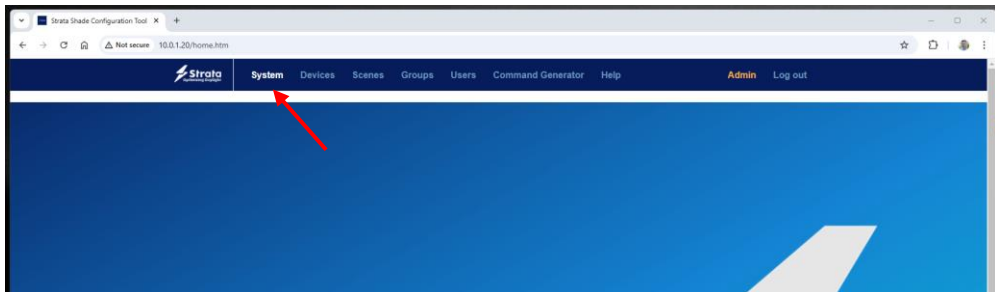
2. The default username and password are:

1. USERNAME: admin
2. PASSWORD: 12345

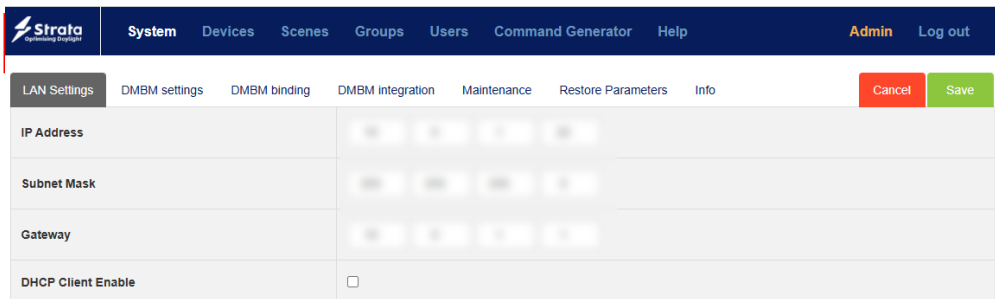
IMPORTANT: Ensure you change the admin password after logging in. You can do this by heading to Users > Admin Password



1. If you want to change the IP address of the DMBM so that it becomes an element in your network, go to:
2. System > LAN Settings



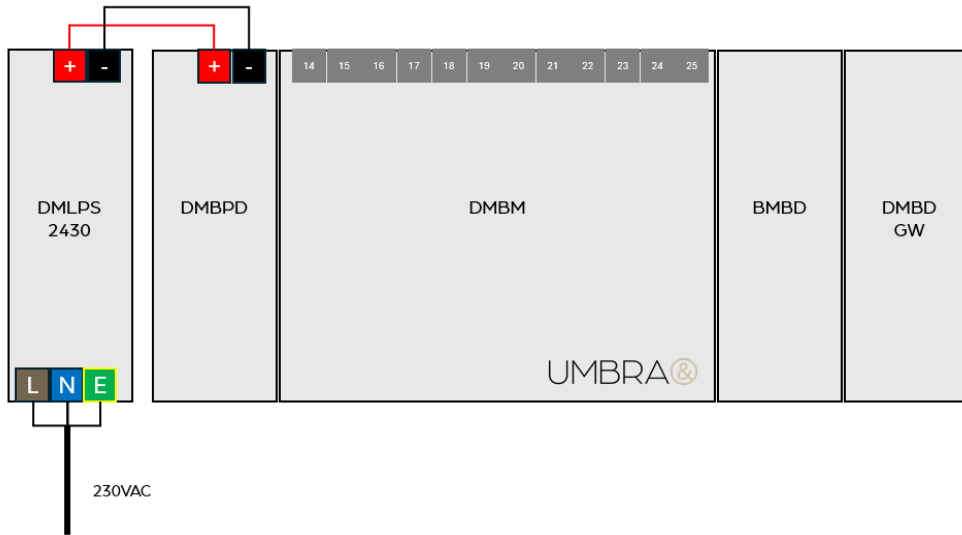
3. Now enter your network details:

A screenshot of the 'LAN Settings' form within the Strata Configuration Tool. The form has a dark blue header with the Strata logo and navigation links. Below the header, there's a sub-header with tabs: LAN Settings, DMBM settings, DMBM binding, DMBM integration, Maintenance, Restore Parameters, and Info. The 'LAN Settings' tab is active. The form contains four input fields: 'IP Address', 'Subnet Mask', 'Gateway', and 'DHCP Client Enable'. The 'IP Address', 'Subnet Mask', and 'Gateway' fields are grouped together and have a light gray background. The 'DHCP Client Enable' field is a checkbox. At the bottom right, there are two buttons: 'Cancel' (red) and 'Save' (green).

4. We recommend rebooting the DMBM after making this change
5. After rebooting the DMBM you will be able to change your laptop IP Assignment back to 'Automatic' and you will be able to navigate the DMBM's new IP address

Adding Modules

1. Any DIN mounted modules should be connected to the DMBM, Order as follows:
 1. Power Supply
 2. DMBPD
 3. DMBM
 4. Subsequent modules can be in any order



Strata Optimising Daylight

System **Devices** Scenes Groups Users Command Generator Help Admin Log out

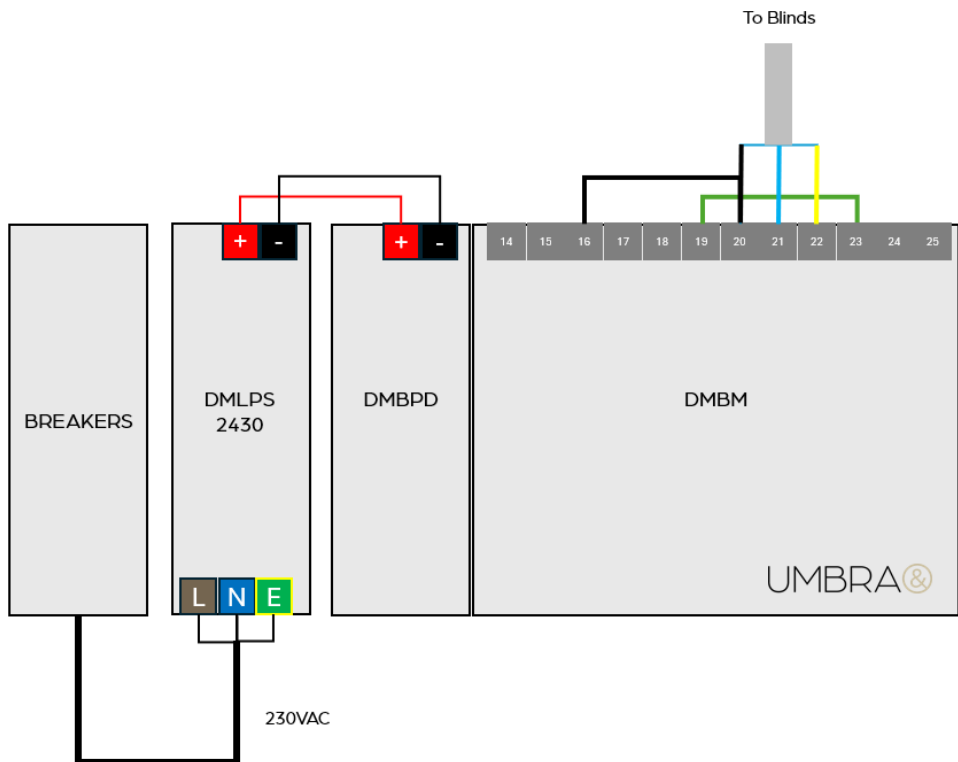
All DIN Modules Smart Motors **Not enabled devices** Add all Rescan Modules Rescan Motors

Module	Description	Status input	Status output	Menu	Commands
DMBD-TX (0,2)	DMTX_CH5 (0,3)		Stop	+	
DMBD-TX (0,4)	DMTX_CH3 (0,3)		Stop	+	
ERA_BD (0,5)		Not Pressed		+	
DMBD-TX (0,6)	Battery motor		Stop	+	

2. Navigate to Devices > Not enabled devices and click 'Rescan Modules'
3. All connected modules will now appear in this list
4. Click the + button to add them into the DMBM configuration

Adding Motors

1. Smart motors should be connected to the DMBM as follows:



Strata

Empowering Engineers

System

Devices

Scenes

Groups

Users

Command Generator

Help

Admin

Log out

All

DIN Modules

Smart Motors

Not enabled devices

Add all

Rescan Modules

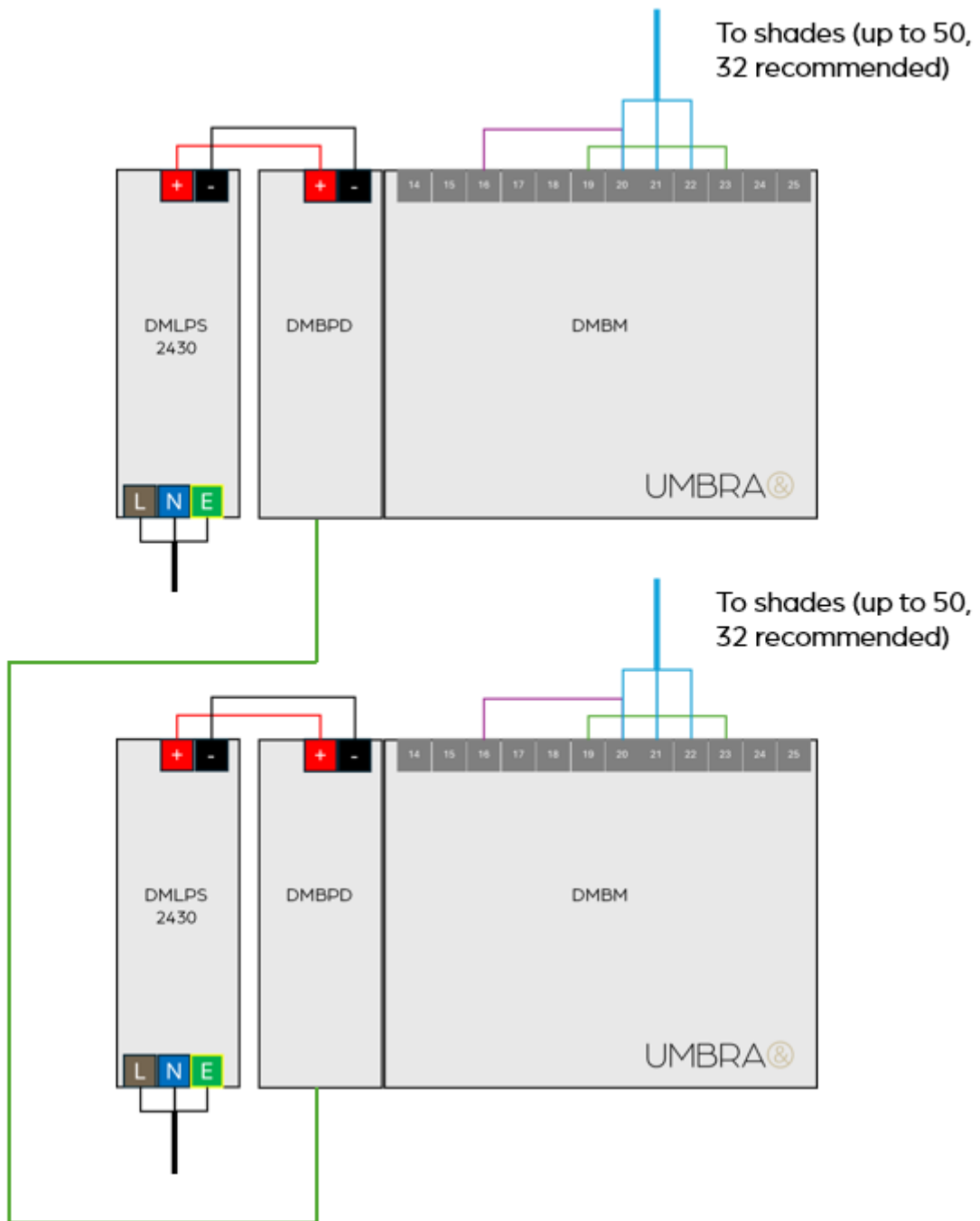
Rescan Motors

Module	Description	Status input	Status output	Menu	Commands
DMBD-TX (0,2)	DMTX_CH5 (0,3)		Stop	+ ⌵	⬆ ⬇ ⬆
DMBD-TX (0,4)	DMTX_CH3 (0,3)		Stop	+ ⌵	⬆ ⬇ ⬆
ERA_BD (0,5)		Not Pressed		+ ⌵	⬆ ⬇ ⬆
DMBD-TX (0,6)	Battery motor		Stop	+ ⌵	⬆ ⬇ ⬆

2. Navigate to Devices > Not enabled devices and click 'Rescan Motors'
3. All connected Smart motors will now appear in this list
4. Click the + button to add them into the DMBM configuration

Systems with More than 50 Motors

1. Strata DMBPDs should be connected as follows:



RAKO Integration

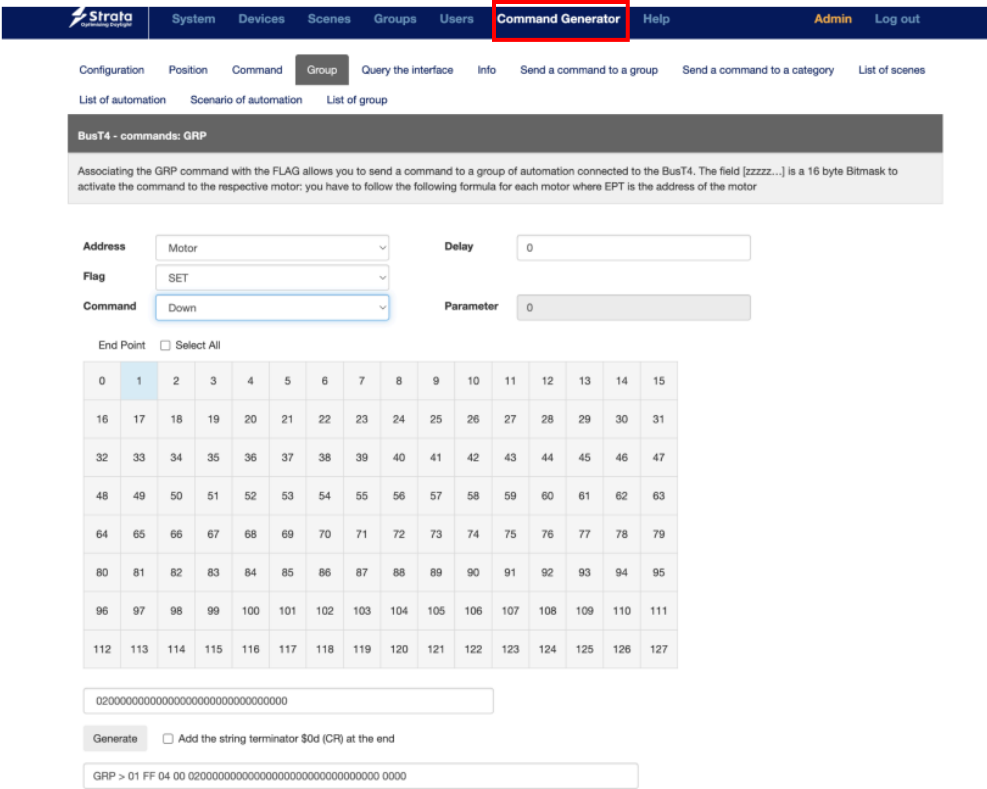
1. Group blinds into rooms

 System Devices Scenes Groups Users Command Generator Help Admin Log out			
List	New		
ID Group	Description	Menu	Commands
1	Living Area	 	  

2. If Rako positional scenes are required, configure intermediate positions

 System Devices Scenes Groups Users Command Generator Help Admin Log out					
Settings	Diagnostic	Binding	Information Restore Parameters		
Test	   				
Status					
Description	VictorBlind				
Application type	Rolling Blinds				
Room Name	Unit1Rear				
Orientation	Not defined				
Soft Start	1.5				
Intermediate Position Status	☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6				
Intermediate Position SET	Select ✓ 1 2 3 4 5 6				
Intermediate Position TEST					
Go To Position Test %					
Sun On Settings	Go Down				

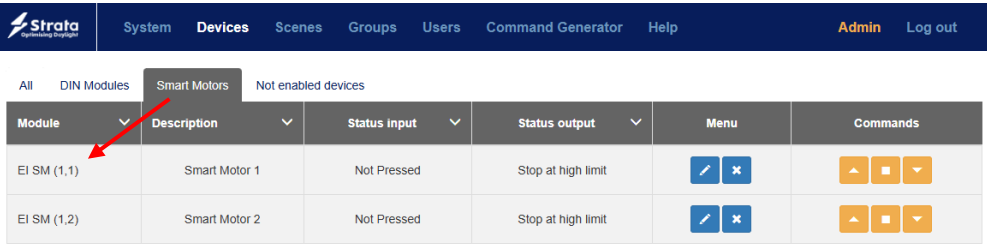
In the DMBM web-config page navigate to 'Command Generator' on the top menu.
Generate commands for use with Rako Custom Scenes



The screenshot shows the 'Command Generator' page in the Strata web interface. The top navigation bar includes 'System', 'Devices', 'Scenes', 'Groups', 'Users', 'Command Generator' (highlighted with a red box), 'Help', 'Admin', and 'Log out'. Below the navigation bar, there are tabs for 'Configuration', 'Position', 'Command', and 'Group' (selected). The main content area is titled 'BusT4 - commands: GRP'. It contains a text box explaining the GRP command and a form with fields for 'Address' (Motor), 'Flag' (SET), 'Command' (Down), 'Delay' (0), and 'Parameter' (0). Below the form is a grid of 128 endpoints (0 to 127) with a 'Select All' checkbox. A text box below the grid shows the generated GRP command: 'GRP > 01 FF 04 00 02000000000000000000000000000000 0000'. A 'Generate' button and a checkbox 'Add the string terminator \$0d (CR) at the end' are also present.

Each number in the endpoint grid is a motor. The motor endpoint number can be found in the Devices tab under 'Module' in the table.

Example:
EI SM (1,1) : this is motor address 1 and end point 1
EI SM (1,2) : this is motor address 1 and end point 2



The screenshot shows the 'Devices' tab in the Strata web interface. The table has columns: 'Module', 'Description', 'Status input', 'Status output', 'Menu', and 'Commands'. The first two rows are 'EI SM (1,1)' and 'EI SM (1,2)'. A red arrow points to the 'Module' column header.

Module	Description	Status input	Status output	Menu	Commands
EI SM (1,1)	Smart Motor 1	Not Pressed	Stop at high limit	 	  
EI SM (1,2)	Smart Motor 2	Not Pressed	Stop at high limit	 	  



Back

Custom Strings

Custom String 1 [Enabled]

Custom String 2 [Enabled]

Custom String 3 [Enabled]

Custom String 4 [Enabled]

Custom String 5 [Enabled]

Custom String 6 [Enabled]

Custom String 7 [Enabled]

Custom String 8 [Enabled]

Custom String 9 [Enabled]

Custom String 10

Custom String 11

Custom String 12

Custom String 13

Custom String 14

Custom String 15

Custom String 16

Custom String 17

Custom String 3

Command Type

TCP

IP

192.168.8.94

Port

23

ASCII

GRP > 01 FF 04 00 02000000000000000000000000000000\rr

HEX

47 52 50 20 3E 20 30 31 20 46 46 20 30 34 20 30 30 20 30 32 30 30 30
30
30 30 20 30 30 30 0D

Special Characters

\x0nn Hex Value nn
\ Literal \
\r Carriage Return
\n New Line

Save

Test

Clear

HUB/Bridge

Smartphone / Web Data

Room Import

Mappings*

Macros

Events

Holiday Exclusions

Room Enables

Firmware

Extras

Data Transfer

Description: RadioTxRx

Mappings

1 - [Rm:13 Living Area] Fade Up -> [HUB] Custom String: 1

2 - [Rm:13 Living Area] Off -> [HUB] Custom String: 2

3 - [Rm:13 Living Area] Fade Down -> [HUB] Custom String: 3

4 - Disabled

5 - Disabled

6 - Disabled

7 - Disabled

8 - Disabled

9 - Disabled

10 - Disabled

11 - Disabled

12 - Disabled

13 - Disabled

14 - Disabled

15 - Disabled

16 - Disabled

17 - Disabled

18 - Disabled

19 - Disabled

20 - Disabled

21 - Disabled

22 - Disabled

23 - Disabled

24 - Disabled

25 - Disabled

26 - Disabled

27 - Disabled

28 - Disabled

29 - Disabled

30 - Disabled

31 - Disabled

32 - Disabled

33 - Disabled

34 - Disabled

35 - Disabled

Save

Source

☒ Enabled

Room:

Living Area [Rm: 13]

Channel:

All Channels

Command:

Fade Down

Condition

☒ Always (Days of week)

Time

☐ Earlier Than
 ☐ Later Than

HH

MM

:

0

:

0

☐ Day
 ☐ Night
 ☐ Time

Always

Weekdays

Weekends

Active Days

☒ Monday
 ☒ Tuesday
 ☒ Wednesday
 ☒ Thursday
 ☒ Friday
 ☒ Saturday
 ☒ Sunday

All

Weekdays

Weekends

Output Action

Hub/Bridge:

Rako 0000000 (00-00-00-00-00-00-00-00)

Bridge Address:

1,000

Bridge Channel:

1

Action:

Custom String

String

Custom String: 3

Save & Upload

