LED STRIP STUDIO

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SPI MATRIX

SPI Matrix supports 7 DMX 512 universes per output, which is 28 Universes in total. You can use one more universe per DMX out. SPI Matrix is able to control RGB/RGBW LEDs separately.

Controls over

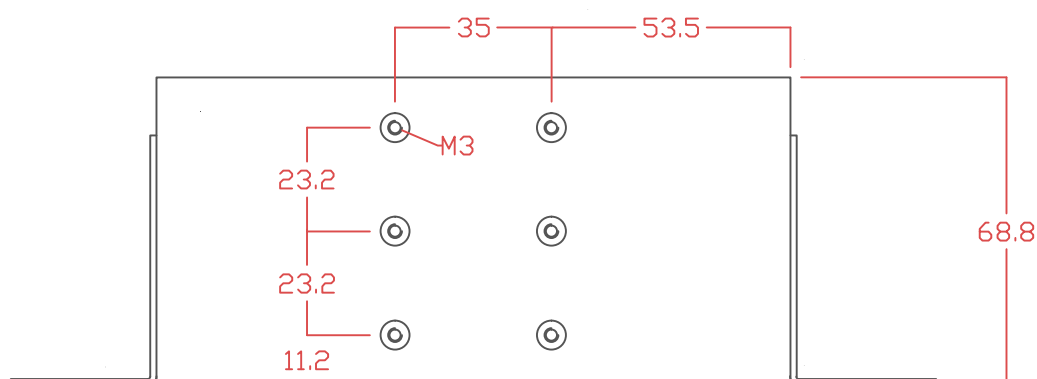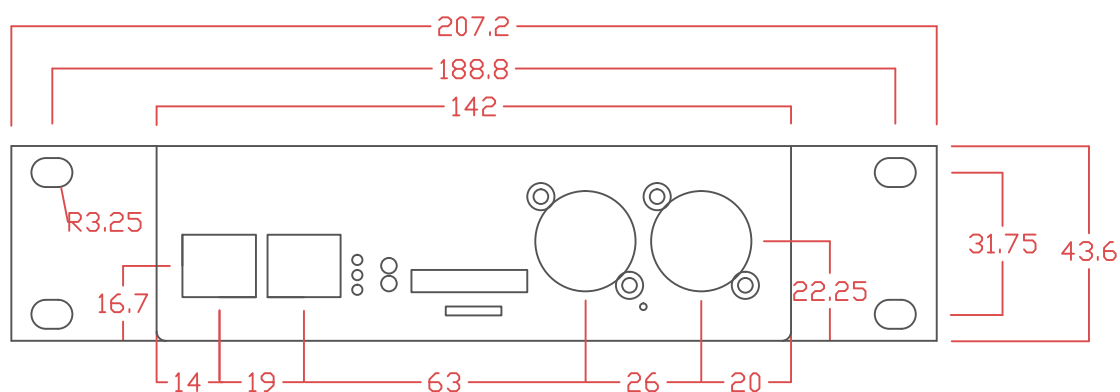|	
Art-Net™	You are able to control SPI Matrix over any Art-Net hardware device or software which can generate Art-Net signal.
DMX	Use DMX512 standard for controlling your RGB/RGBW LEDs. SPI MATRIX supports 3-pin DMX connector.
Stand-alone	This mode allows you to control LEDs over SD-card and you don't need any kind of software to control it. Choose effects by using button.

Technical specification

Maximum of RGB/RGBW LEDs	4096/3072
SPI LED Outputs	4
Maximum of RGB/RGBW LEDs per Output	1024/768
Required Input	5-24V/ 0.3A (PCB only, without the LED strips / LED pixels)
Maximal Current	10A
Power connector	standard 4 pin terminal with 5mm contact spacing e.g. SH04-5-GY
SPI OUT connector	standard 4 pin terminal with 5mm contact spacing e.g. SH04-5-GY
DMX input connector	XLR 3-pin connector (optional 5 pin)
DMX output connector	XLR 3-pin connector (optional 5 pin)
Ethernet	2x RJ-45 connector, internal switch, 100 Mbit/sec
SD Card	Micro SD Card (FAT32, up to 32 GB)
Dimensions	142 x 69 x 44 mm (without mounting brackets)
Weight	468,8 g

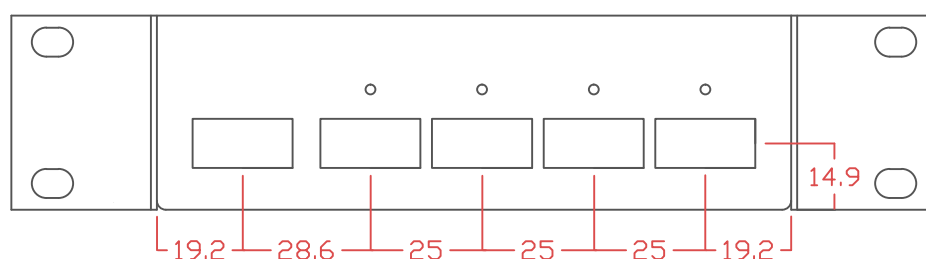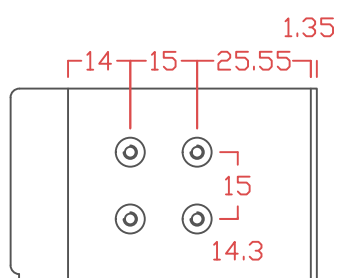**SPI MATRIX package includes mounting brackets and DIN rail mount.**

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Dimensions

Bottom View

35   53.5
M3
23.2
23.2
11.2
68.8

Front View

207.2
188.8
142
R3.25
31.75   43.6
16.7
22.25
14   19   63   26   20

Back View

14.9
19.2   28.6   25   25   25   19.2

Side View

1.35
14   15   25.55
15
14.3