

LEC 3

LED ETHERNET CONTROLLER 3

LEC3 can control 4096 RGB / 3072 RGBW programmable LEDs separately. It can be controlled via LSS Software, Art-Net, DMX and Web Configuration.



Controls over

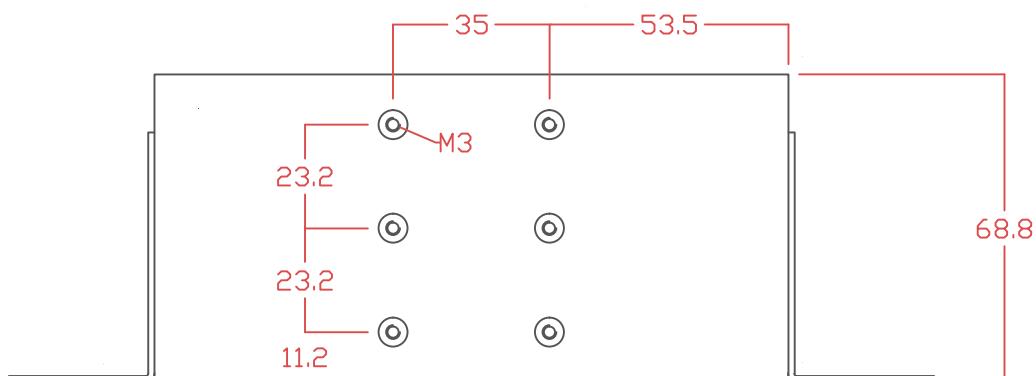
LED Strip Studio software	Many times you need to control complete system live. For these cases use LED Strip Studio software.
Art-Net™	You are able to control LEC 3 over any Art-Net hardware device or software which can generate Art-Net signal.
DMX	Use DMX512 standard for controlling your RGB/RGBW LEDs. LEC 3 supports 3-pin DMX connector.
Stand-alone	Switch between animations stored on SD-card using buttons. You can create effects in Led Strip Studio Software.

Technical specification

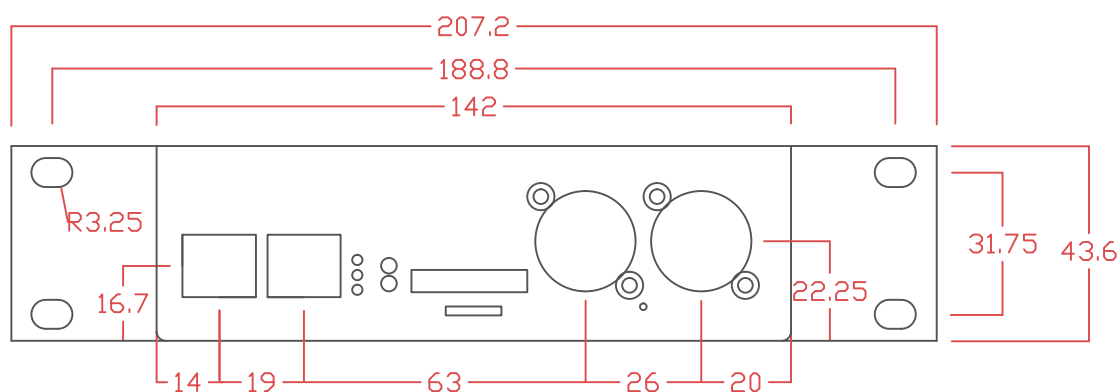
Maximum of RGB/RGBW LEDs	4096/3072
SPI LED Outputs	4
Maximum of RGB/RGBW LEDs per Output	1024/768
Required power	5-24V/ 0.3A (PCB only, without the LED strips / LED pixels)
Maximal current	10A
Power connector	pluggable terminal block with 5mm contact spacing e.g. SH04-5-GY
SPI OUT connector	pluggable terminal block 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 32GB)
Dimensions	142 x 69 x 44 mm
Weight	468,8 g

LEC 3 package includes mounting brackets and DIN rail mount.

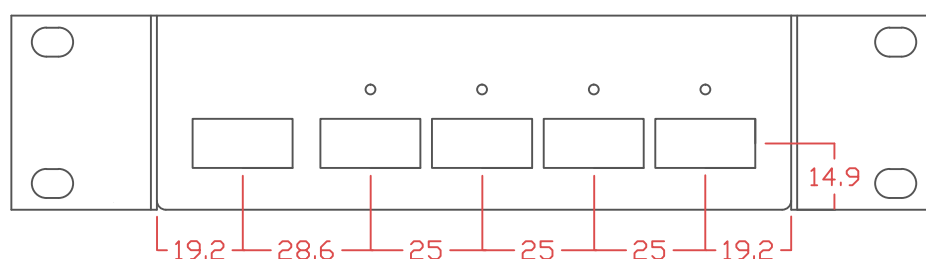
Dimensions



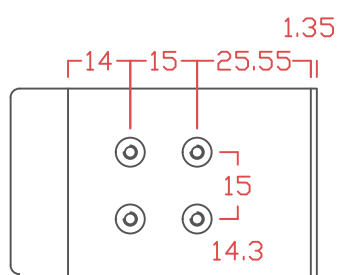
Bottom View



Front View



Back View



Side View