

TRAN-L-CSB-DMX

Technical Datasheet for 8 Channel DMX Controller



Description

The TRAN-L-CSB-DMX is a system protocol translator with Casambi integration, converting the wireless commands to DMX.

Capable of controlling up to 8 channels of DMX, with the start address configurable in-app. Supports profiles for Colour-Tunable, RGB and RGBW luminaires.

- 8 Channel DMX Controller
- Casambi Enabled
- Configurable Start Address
- Wireless Beacons
- Remote Antenna Configuration Available
- 200 Meter Wireless Range (Casambi Long-Range Mode)*



Technical Specifications

Mechanical

Housing	Black Plastic Injection Moulded ABS
Dimensions	103mm x 35mm x 28mm
Weight	44g
Protection	IP20
Mounting	Screwdown

Input

Voltage Range	24-48VDC
Max Current	50mA

DMX Output

DMX Protocol	DMX512A using 3.3v RS422
Number of Channels	8
Output Protection	16.6kV ESD Protection

Radio Transceiver

Operating Frequencies	2.4Ghz - 2.483Ghz
Maximum Output Power	+8 dBm
Wireless Protocol	Casambi Wireless Mesh
Wireless Range	75 Meters (200 Meters in Casambi Long-Range Mode)

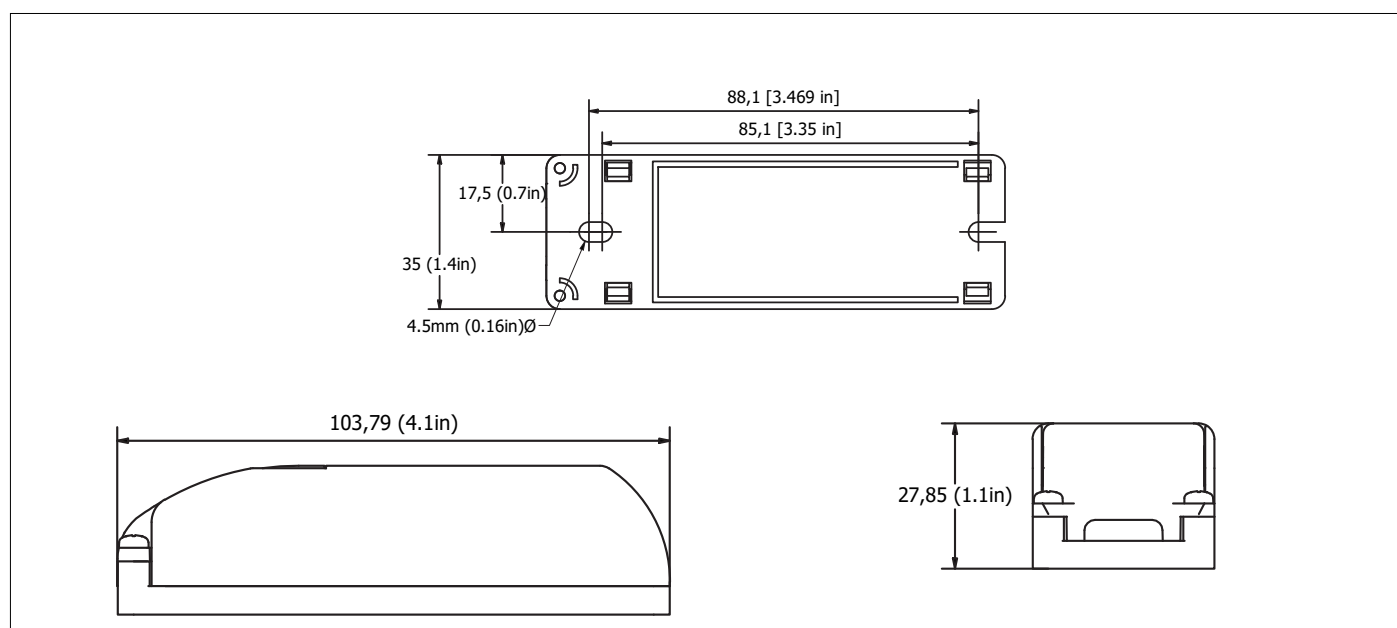
Operating Conditions

Ambient Temperature	0°C to +50°C
Max. Case Temperature	+75°C
Storage Temperature	-40°C to +80°C
Max. Relative Humidity	80% non-condensing

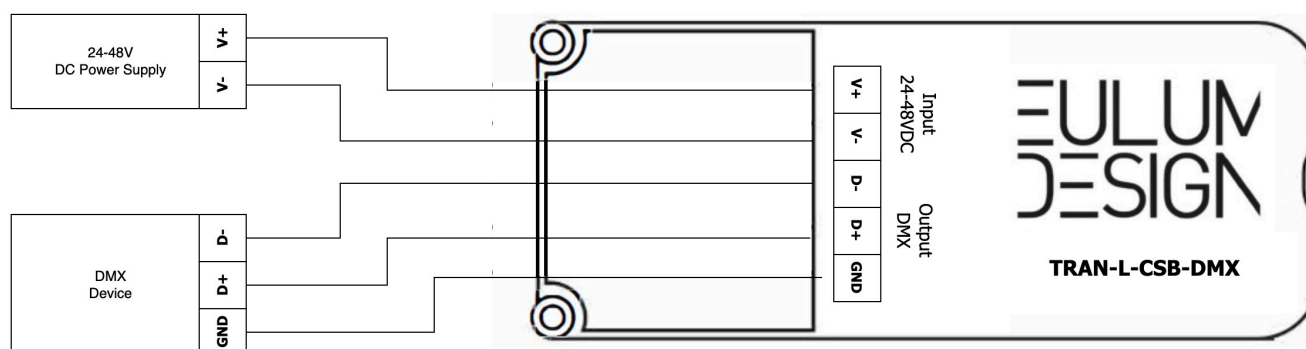
Connectors

Wire Range	0.2mm - 1.5mm
Wire Strip Length	5mm

Dimensions



Wiring Diagram



*Range

In open air, the wireless range can reach up to 200m in Long-Range mode. This may be reduced when placed inside a building, or by other environmental factors. In normal mode, the range is up to 75m.

Please note that putting the unit inside a metal enclosure is unadvised as this will dramatically reduce the signal range.

Compatible Devices:

iPhone iOS and later are supported

iPad iOS 10 and later are supported

Android 4.4 version (KitKat) and later are supported.



Warranty

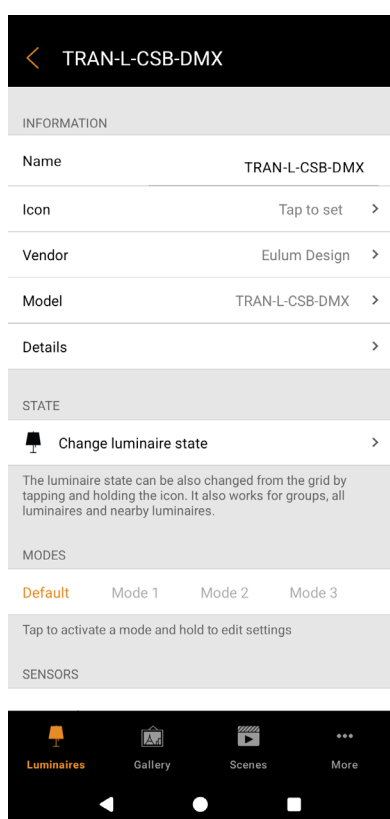
For information on our warranty, please visit: www.eulum.com/warranty/

Profiles

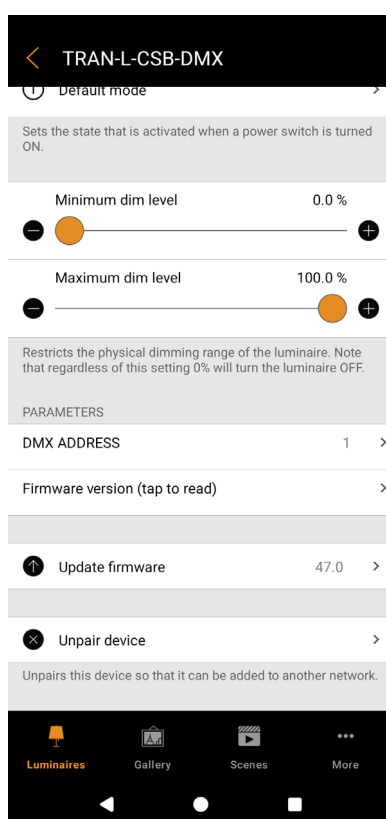
Profile Name	Description
TRAN-L-CSB-DMX	8 Independent Sliders for Individual Channel Control
TRAN-L-CSB-DMX-2750	Colour-Tunable Control with Independant Intensity and Common CCT
TRAN-L-CSB-DMX-C	8 Sliders (2 Sets of 4) for 2x RGBW Device Control
TRAN-L-CSB-DMX-RGBW	Colour Wheel & Intensity Slider for 2x RGBW Device Control

Configuration

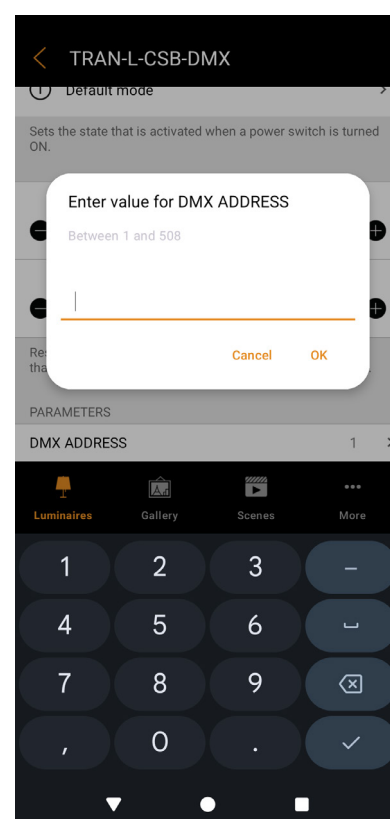
To specify the DMX address range:



Triple-Tap on the device to open the 'Device Properties' menu.



Scroll down to the 'Parameters' section.



Select 'DMX Address' to open the address selection screen. Enter your desired start address. This device will use 8 addresses, beginning at the specified address, and ending at start address +7. (E.g: If address 1 is specified, this device will use addresses 1 to 8)