Product Specifications

Name：DALI transform to DMX512 signal converter
Model：LD1130079

Summarization

DALI (Digital Addressable Lighting Interface) is an international standard, popular lighting control protocol BUS, which adopt to Manchester codes of digital transmission, with a whole and grouping dimming, addressing dimming, inquire lamps and lanterns sates, and other powerful dimming function. Compared with the 0-10V analogue dimming, it's more precise dimming, addressable, stable, focus control, easy to installation and so on.

DMX512 is first by USITT (American theater technology association) develop and become from the console with standard digital interface control dimmers way. It has simple, reliable, flexible features. This product transform the standard DALI dimming signal to the international widely used DMX-512 standard signal. It can realize DALI host machine to DMX module control, realize 2 kinds protocol seamless transition.

Technical parameters

- Working temperature: -20-60℃
- Supply voltage: DC12V-24V
- Input signal: standard IEC60929 DALI signal
- Output signal: standard DMX-512 signal
- Gross weight: 214g
- Net weight:158g
- Statical power consumption: <1W
- Packing size: L145 x W70 x H50 mm
- External dimension: L103 x W65 x H46 mm
- Connection mode: DALI input is 2pin green connection pillar, DMX output is 3pin Corleone head
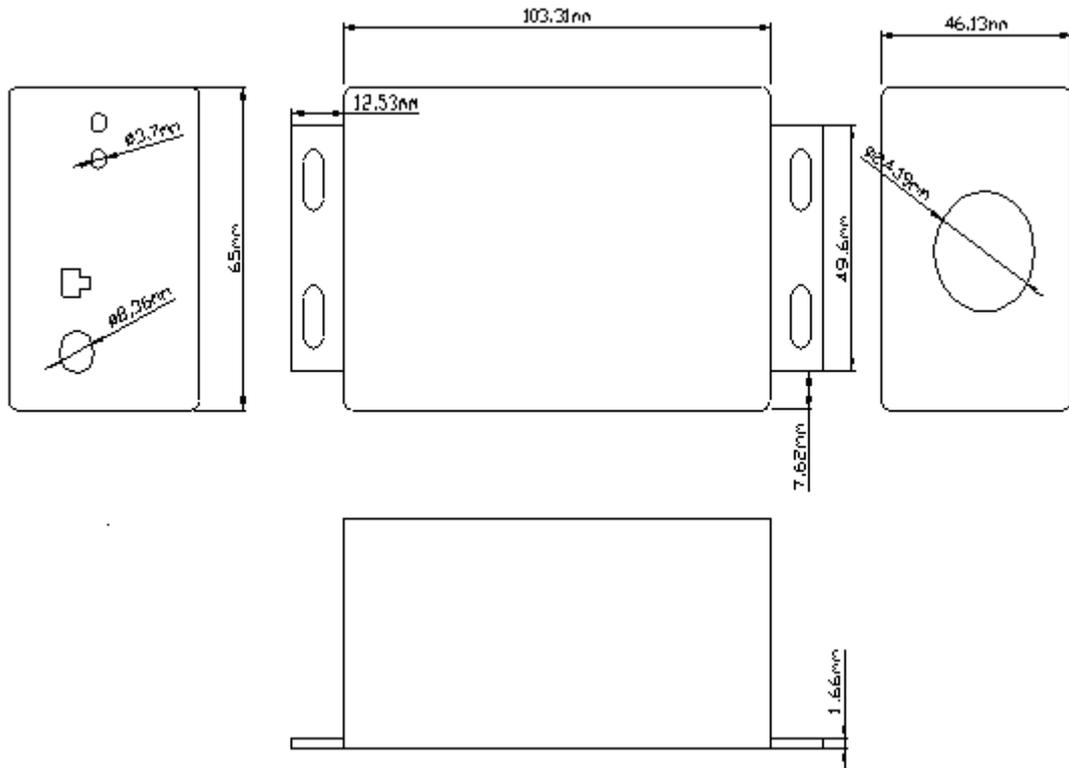
External Dimension:

Interface Specifications:

DALI input port and DC power input interface:

DMX output interface:

Direction for use:

1. Connect the load wire first, follow the power wire; **Please ensure short circuit can not occur between connecting wire before you turn on the power；**

2. This product adopt to DALI agreement is IEC60929. DALI module at most can support 64 channels, so DMX output at most can support 64 DMX module. Can realize point to point control, address mapping table as follow：

DALI 通道地址	DMX 地址
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
…	…
62	63
63	64

   Distribute DALI 64 channels when use it, and set corresponding DMX address. DMX address can not be modified, only when the DALI channel address changed, then can modify the DMX address. When the value of each channel in DALI have changed, the value of DMX channel also will change.

3. DALI convert DMX signal dimming curve is converted to a linear dimming.

Typical Application