

Smart Key specification



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Summary

- Smart Key is a configuration tool for intelligent led driver of MOONS' brand. To complete the configuration of led driver, You need to use the combination of DALI configuration software and Firmware Upgrade software.
Both software programs are freely downloadable at

Function Introduction

- By using the tool of DALI configuration software, you can make the MCS connector of the Led Driver programmed, realizing the configuration of the output current of led driver、 dimming curve、 curve precision and fineness etc parameters.
- By using the tool of the Firmware Upgrade software, you can upgrade the firmware of the intelligent led driver through Dali connector.
- when intelligent led driver does not connect the 220Vac, it can realize the function of parameters' configuration and DALI online upgrade.



Packing list

- Smart Key *1;
- Mini USB2.0 *1;
- Super five types of 568b communication cable *1

Specification and dimension

Length * width * height: 70mm*41mm*25mm

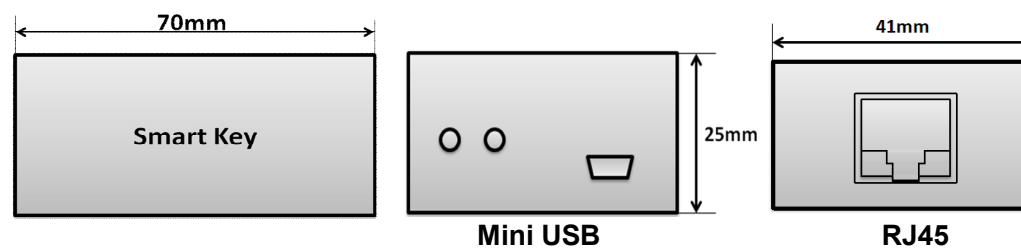
Weight: 68g

Operating Temperature Range:

-20℃~50℃ / -4°F ~+122°F

Storage Temperature Range:

-40℃~85℃/ -40°F ~+185°F



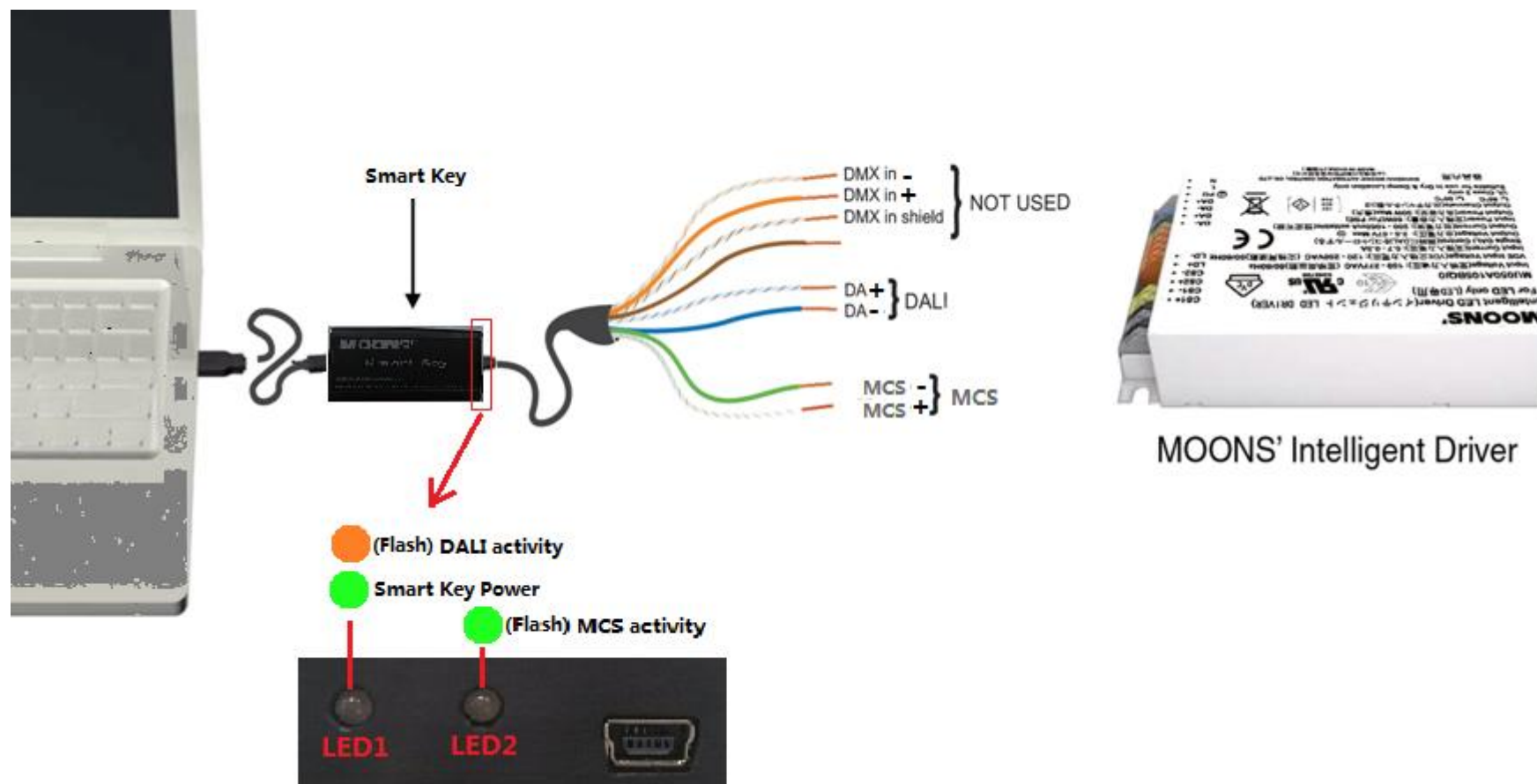
Connection

Data input : Mini USB

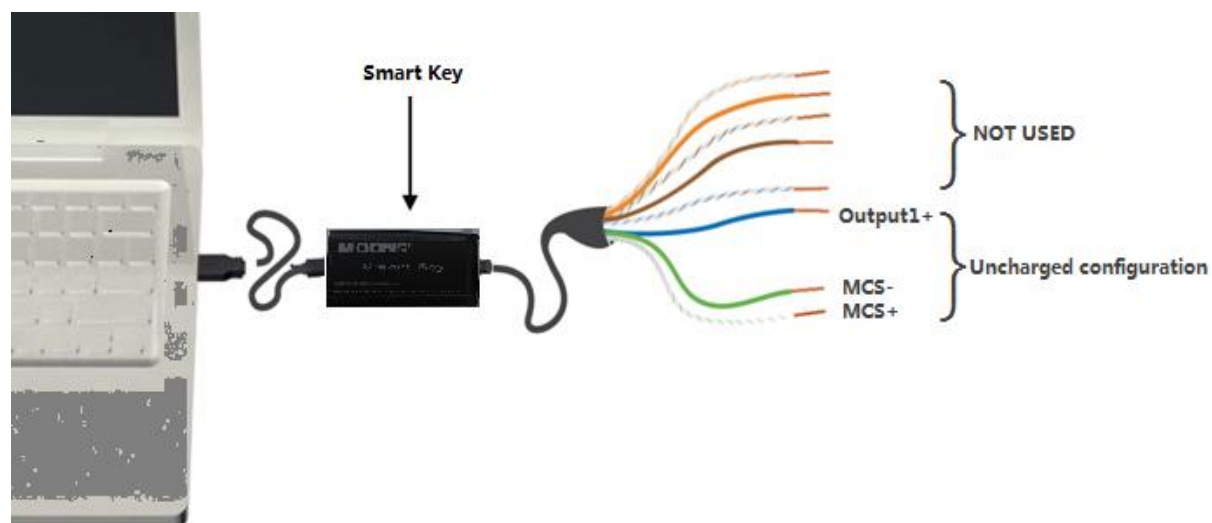
Data output: RJ45, the corresponding relations are as follows:

RJ45 PIN No.	Definition	POWER Pin	Color
1	DMX-	Not used	White Orange
2	DMX+	Not used	Orange
7	GND	Not used	White Brown
3	MCS+	MCS+	White Green
6	MCS-	MCS-	Green
5	DALI+	DA+	White Blue
4	DALI-	DA-	Blue
8	GND	Not used	Brown

System connection diagram



Uncharged Configuration diagram



This wiring diagram is limited to use in the absence of AC power input, When the driver connects to AC power supply, the blue wire is not allowed to connect to the output1 +.