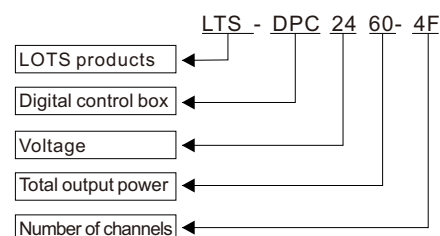# Digital Control Box

DPC Series

◆ Input voltage: DC24V

◆ Easy to operate, each channel can be controlled independently with high precision.

◆ Can communicate with PC by RS232.

◆ With trigger, faster respond speed, high reliability.

◆ Power off saving function.

◆ Have a 12V 500mA output to supply to other device.

Parameters

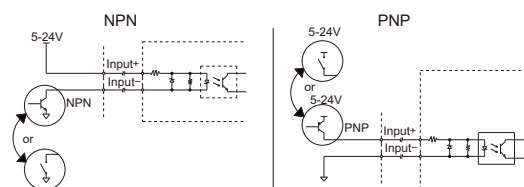| Item	LTS-DPC2460-4F	Remark
Number of channels	4 way	
Addition output voltage	12V 500mA	wiring as requires, strictly prohibit reverse connected
Baud rate	9600bps	
Input voltage	DC24V	
Output voltage range	0-24V	
Luminance control method	manual adjust by button, PC remote adjustio	
Luminance control mode	change PWM duty radio to adjust voltage	
Luminance control Level	256 level	
Saving function	self-saving parameter of luminance when power off	
External trigger voltage	5-24V high level trigger	
Communication method	RS232	
Normal on/Normal closed mode switch	change H mode by CH button	H1 mode is normal on H0 mode is normal closed

Coding rule

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LTS - DPC 24 60- 4F
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- LOTS products
- Digital control box
- Voltage
- Total output power
- Number of channels

Controller model

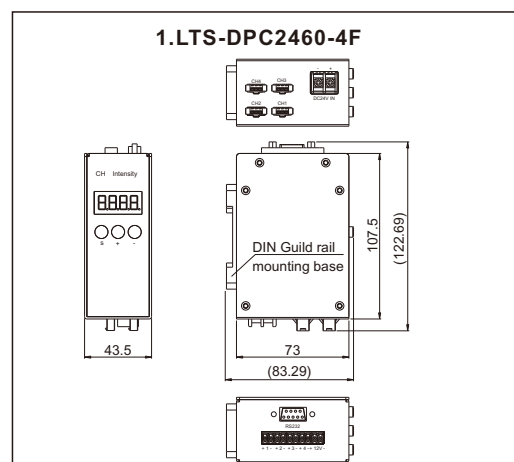| Product	Model	Output voltage range	Total output power	One way Max. output power	Number of channels	Dimen-sion	Extenal trigger voltage	Remark
Digital control box	LTS-DPC2460-4F	24V	60W	30W	4	1	5-24V	Have communication, trigger, digital tube display and power supply to camera function

Wire connection method of the external trigger signal

NPN   PNP

LTS-DPC2460-4F change to H1 mode, NPN input high level (5-25V), light close, PNP input low level (0-1.5V), light close.

LTS-DPC2460-4F change to H0 mode, NPN input high level (5-25V), light on, PNP input low level (0-1.5V), light on.
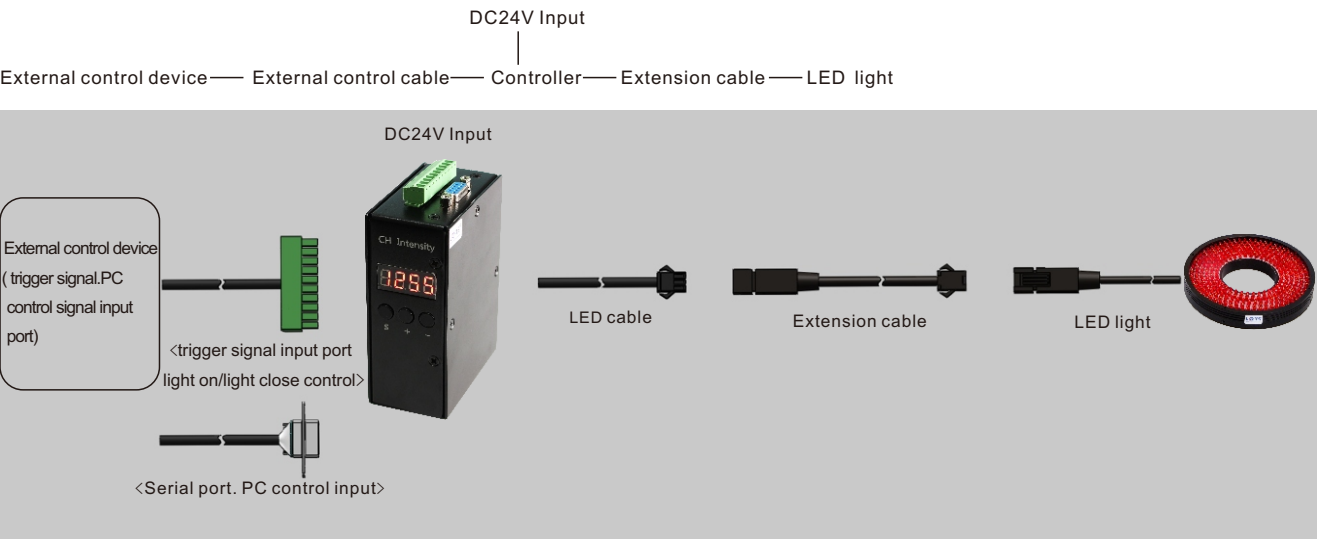
Boundary dimension(mm)

1.LTS-DPC2460-4F

DIN Guild rail mounting base

107.5
(122.69)

43.5   73
(83.29)

http://www.lotsmv.com

Digital Control Box
DPC Series

→ **System composition example**

DC24V Input

External control device —— External control cable —— Controller —— Extension cable —— LED light

DC24V Input

External control device
(trigger signal.PC
control signal input
port)

<trigger signal input port
light on/light close control>

<Serial port. PC control input>

CH Intensity

1255

LED cable

Extension cable

LED light