

Analog Controller

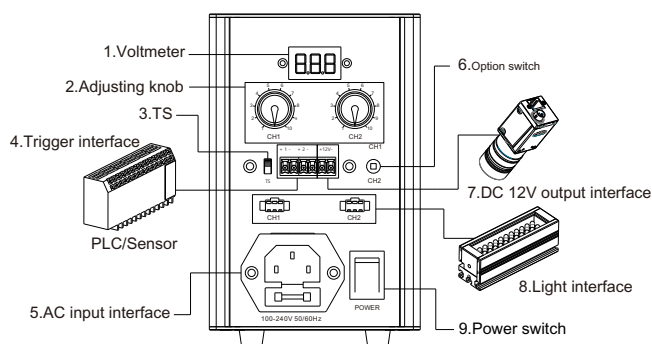
2APC Series

- ◆ Compact dimension, easy to install.
- ◆ Luminance stepless adjustment.
- ◆ Short-circuit protection function.
- ◆ External trigger function.
- ◆ Voltage display function.
- ◆ Clear operation mark, easy to operate.
- ◆ Have a 12V 500mA output to supply to other device.



→ Control panel specification <LTS-2APC2424-2>

No.	Parameter	Specification
1	Voltmeter	Voltmeter display the voltage of selected channel
2	Adjusting knob	Ch1 knob adjust the output voltage of CH1 channel, CH2 knob adjust the output voltage of CH2 channel
3	TS	Output initial state option switch. Move TS up, output open; Move TS down, output off
4	Trigger interface	Connect external trigger signal to do the frequency strobe working, low level trigger
5	AC input interface	Input AC100-240V 50/60 Hz
6	Option switch	Switch up, voltmeter display CH1 channel output voltage; switch down, voltmeter display CH2 channel output voltage
7	DC 12V output interface	Output 12V 500mA, Can power supply to camera or other device. This interface strictly prohibit reverse connected
8	Light interface	2 way output, each can be controlled independently
9	Power switch	On/ off controller power



Connection step:

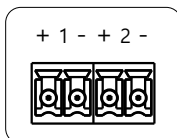
Step 1: connected the light and controller (Reference to the picture on the right).

Step 2: if need the external trigger control, please connect the external trigger signal with the controller trigger interface.

Step 3: connect power (AC100-240V 50/60 Hz), press the red switch "-", indicator light up, "o" uplifted, power on.

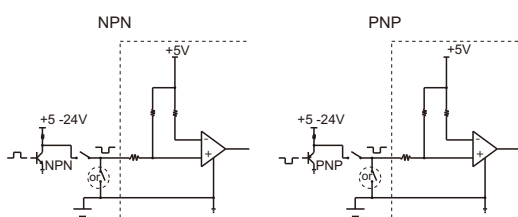
→ Trigger port setup <LTS-2APC2424-2>

This series controller have high level trigger and low level trigger optional. This model is low level trigger. Total 2 group trigger ports, each has +/- mark. To input low level 0-1.5V to +/- port or +/- connected with short circuit can achieve the trigger function.



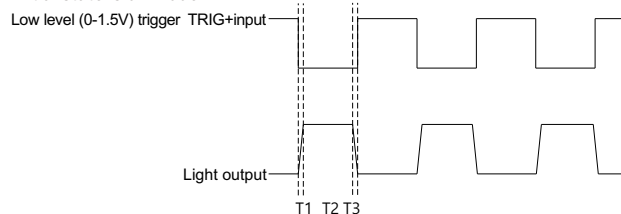
Trigger introduction: when output initial state is open mode, input low level to trigger port, light off; when output initial state is off mode, input low level to trigger port, light on.

→ wire connection method of the external trigger signal

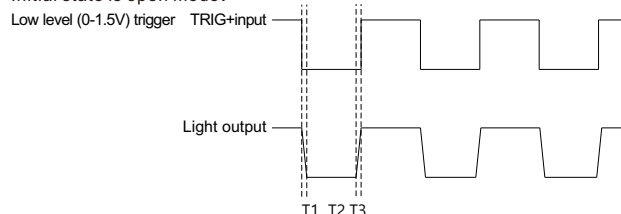


→ Sequence chart

Initial state is off mode:



Initial state is open mode:



Specification: T1 is trigger delay time, $T1 \leq 80\mu s$ $T3 \leq 80\mu s$.

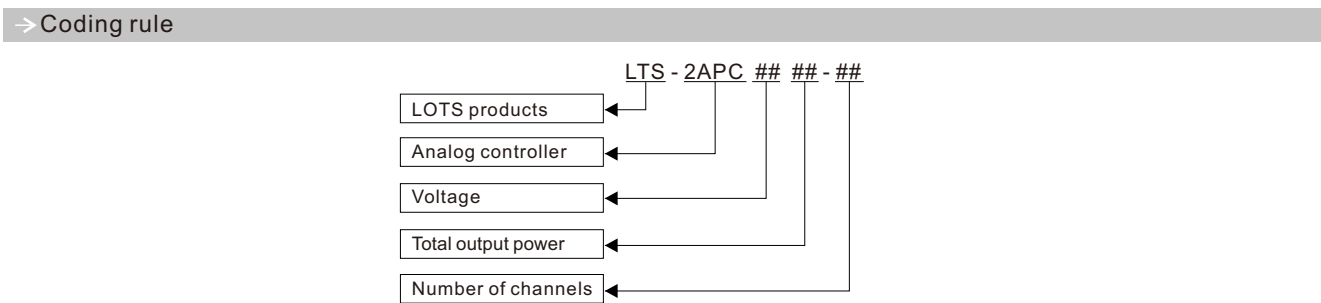


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Analog Controller

2APC Series

→Parameters							
Item	LTS-2APC2424 -1/2/4	LTS-2APC2460 -1/2/4/6	LTS-2APC24120 -1/2	LTS-2APC24120 -8	LTS-2APC24200 -1	LTS-2APC24400 -1/2	Remark
External trigger voltage	0-1.5V	0-1.5V	5-24V	0-1.5V	5-24V	5-24V	
Number of channels	1、2、4 way	1、2、4、6 way	1、2 way	8 way	1 way	1、2 way	
Input voltage	AC 100-240V					AC 200-240V	
Input frequency range	50/60Hz						
Output voltage range	12-24V						
Luminance control method	manual adjusting knob						
Luminance control level	stepless adjustment						
Luminance control mode	Constant-voltage						
Addition output voltage	12V output (Can power supply to camera) 500mA output						this interface strictly prohibit reverse connected
Normal on/Normal closed mode switch	build-in						switch by toggle switch TS



→Controller model								
Product	Model	Output voltage range	Total output power	One way Max. output power	Number of channels	Dimen-sion	Extenal trigger voltage	Remark
Analog controller	LTS-2APC2424-1	12-24V	24W	24W	1	1	0-1.5V	Have voltage display, trigger, and power supply to camera function
	LTS-2APC2424-2	12-24V	24W	24W	2	1		Have trigger, and power supply to camera function
	LTS-2APC2424-4	12-24V	24W	24W	4	1		Have voltage display, trigger, and power supply to camera function
	LTS-2APC2460-1	12-24V	60W	60W	1	1		Have trigger, and power supply to camera function
	LTS-2APC2460-2	12-24V	60W	30W	2	1		Have trigger, and power supply to camera function
	LTS-2APC2460-4	12-24V	60W	24W	4	1		Have trigger, and power supply to camera function
	LTS-2APC2460-6	12-24V	60W	24W	6	2	5-24V	Have voltage display, trigger, and power supply to camera function
	LTS-2APC24120-1	12-24V	120W	120W	1	3		Have trigger, and power supply to camera function
	LTS-2APC24120-2	12-24V	120W	60W	2	3	0-1.5V	Have trigger, and power supply to camera function
	LTS-2APC24120-8	12-24V	120W	24W	8	4		Have trigger, and power supply to camera function
	LTS-2APC24200-1	12-24V	200W	200W	1	5	5-24V	Have voltage display, trigger, and power supply to camera function
	LTS-2APC24400-1	12-24V	400W	400W	1	6		Have voltage display, trigger, and power supply to camera function
	LTS-2APC24400-2	12-24V	400W	200W	2	6		



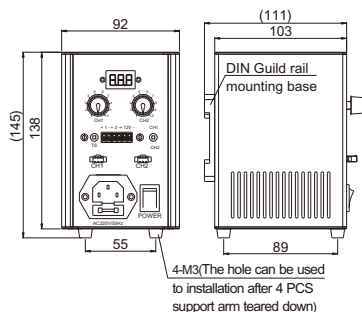
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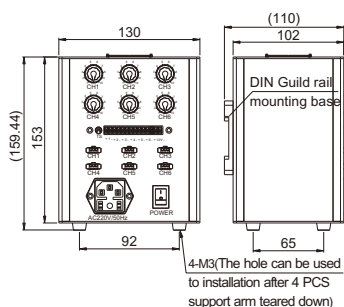
3LINH	Line scan illumination
3LINL	
3LIN	
2LINS	
2LIN	
2COXL	
2LINM	Structured light
SDL	
STL	
RN	
RNH	
SRN	
HPR	Ring illumination
FPR	
DML	
LFR	
3DM	
2DM	
LFX	Shadowless illumination
FPQ	
RIH	
DL	
3BRH	
2BR	Bar illumination
2BRS	
2BRM	
3COH	
3CON	
COXR	
3COX	Coaxial illumination
COPA	
HSL	
2SL	
SL	
RNMU	Multi-angle illumination
AOI	
2FTB/2FTR	
FTC	
2FT/3FT	
2PFT/3PFT	
LIP	Back illumination
IP	
IR	
UV	
Customized	
Customized	Waterproof illumination
PS	
PD	
2DRC	
3STU	
APC	
DPC	Controller
2APC	
DPA	
2ACC	
2DPC	
Area scan	Lenses
Line scan	

→ Boundary dimension(mm)

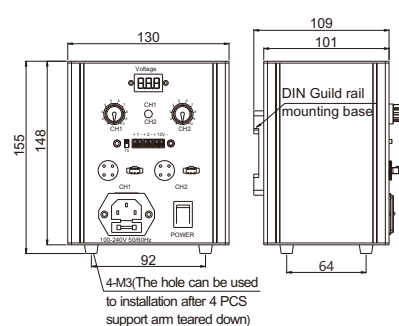
1.LTS-2APC24242460-1/2/4



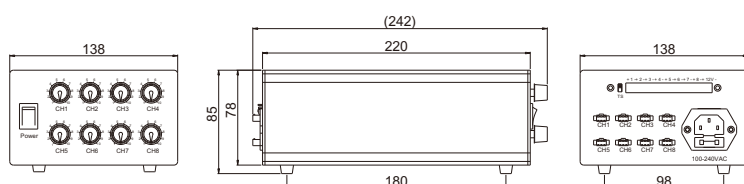
2.LTS-2APC2460-6



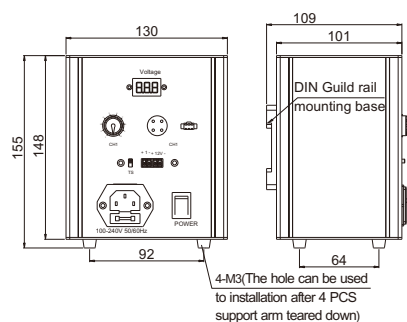
3.LTS-2APC24120-1/2



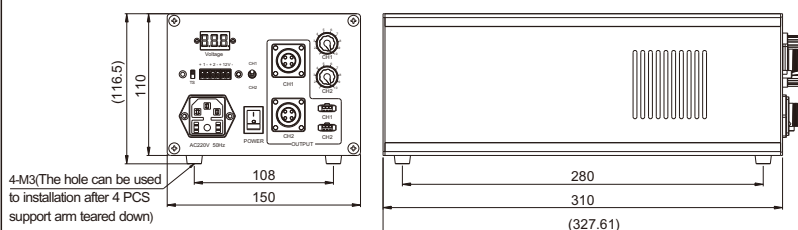
4.LTS-2APC24120-8



5.LTS-2APC24200-1



6.LTS-2APC24400-1/2



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