

# Analog Control Box

## APC Series

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

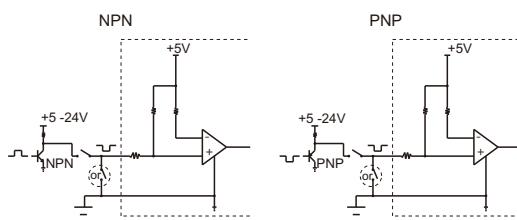
- ◆ Voltage adjustable: 12-24V output voltage adjustable.
- ◆ Manually control: can manually control the luminance.
- ◆ Easy to install: adopt buckle rail installation, easy to use.
- ◆ Short-circuit protection: self-recovery function when short circuit.



### → Parameters

Item	LTS-APC2424-2F	LTS-APC24200-1F	Remark
Luminance control	Knob adjusting	Build-in potentiometer adjusting	
External trigger input voltage	0-1.5V	5-24V	
Number of channels	2 way	1 way	
Input voltage	DC 24V		
Luminance control method	manual adjusting		
Luminance control mode	constant voltage		
Normal on/Normal closed mode switch	Support		Switch by toggle switch TS

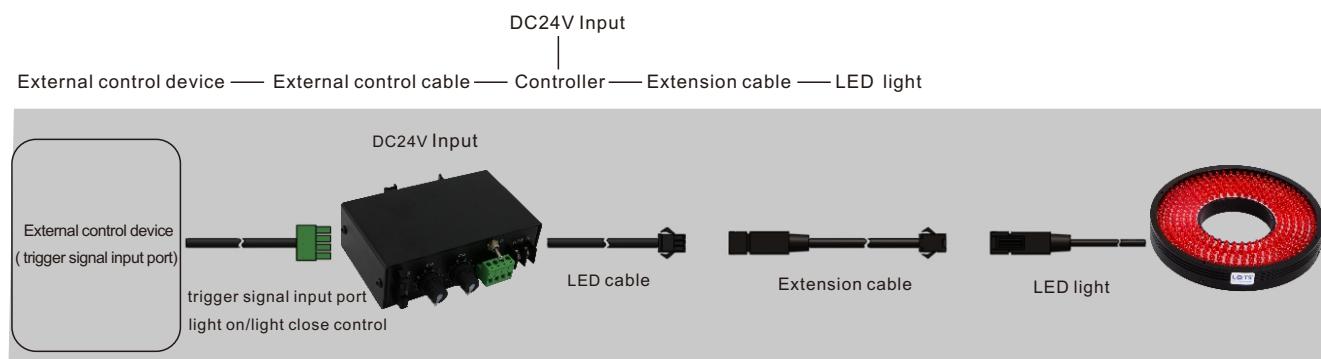
### → Wire connection method of the external trigger signal



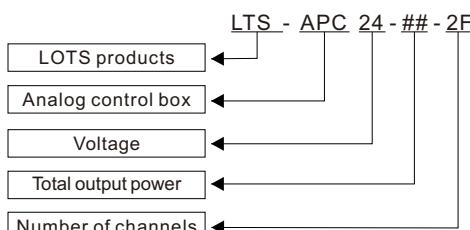
LTS-APC24-2F, make the TS up (normal on), input high level (5-24V) to NPN, the light off; input low lever (0-1.5V) to PNP, light off.

LTS-APC24-2F make the TS down (normal closed), input high level (5-24V) to NPN, the light on; input low lever (0-1.5V) to PNP, light on.

### → System composition example



### → Coding rule



### → Controller model

Product	Model	Output voltage range	Total output power	One way Max. output power	Number of channels	Dimension	External trigger voltage	Remark
Analog control box	LTS-APC24-2F	12-24V	48W	24W	2	1	0-1.5V	luminance manual adjustable
	LTS-APC2430-2F	12-24V	60W	30W	2	2	0-1.5V	
	LTS-APC24200-1F	12-24V	200W	200W	1	3	5-24V	

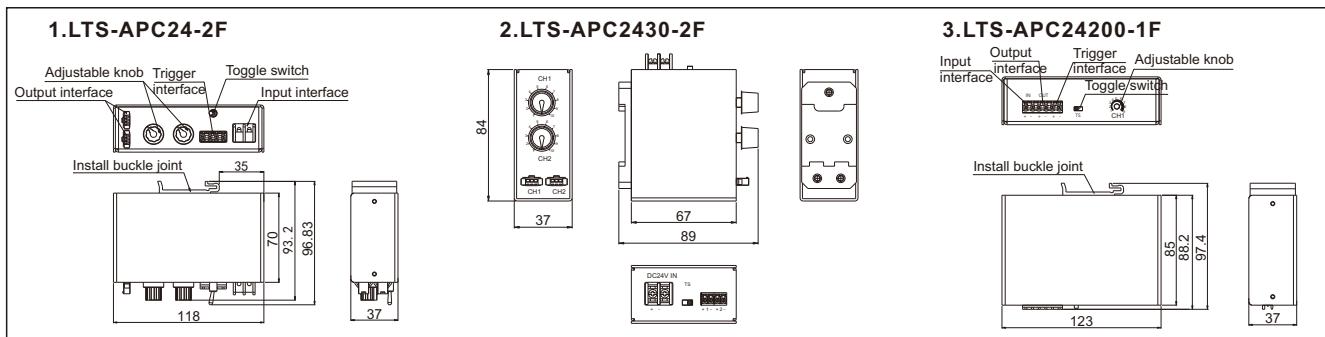


<http://www.lotsmv.com>

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→ Boundary dimension(mm)



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

