

Brighten strobe controller (4STU)

LS-4STU series · Light controllers · 9 models

12us fast trigger response. Internal fixed frequency self-triggering function, 0-100% lighting time adjustable. Brighten 2-10 times instantly, pulse width 0-999us adjustable.

Features

- 12us fast trigger response
- Setting up internal trigger frequency
- Brighten 2-10 times instantly, pulse width 0-999us adjustable
- Delay time adjustment function, 0-999us adjustable
- Filter time adjustment function, 0-999us/1-999ms adjustable
- Support RS232 serial and Ethernet communication
- The light outputs a 12V pulse signal for triggering the camera synchronously



Common specifications

Baud rate	Default 19200bps
Input voltage	100-240VAC
Input frequency range	50/60Hz
Output voltage	48V
Working mode	Internal self-triggering mode / external trigger mode
Lighting time adjustment method	Manual adjust by encoder, PC remote adjustment
Drive mode	Brighten (overdrive)
Memory function	Brightness parameters can be set to not be saved or to be automatically saved when power is cut off
Lighting delay time adjustable	0-999us (adjustable)

Trigger signal filtering time settable	0-999us/1-999ms (adjustable)
Fixed lighting delay time	12us
Trigger signal	Rising edge or falling edge trigger settable (5-24V)
Communication method	RS232/LAN
Operating environment	Temperature 0 to 50°C, humidity 20 to 85%RH (non-condensing)
Storage environment	Temperature 0 to 60°C, humidity 20 to 85%RH (non-condensing)
Extenal trigger voltage	5-24V rising edge trigger or falling edge trigger

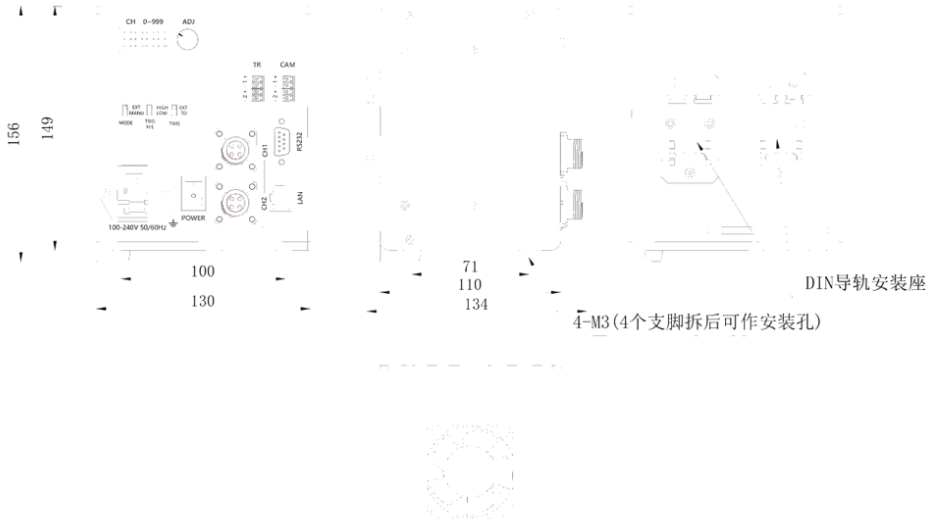
Models

Model	Product	Number of channels	The time of lighting on	Support trigger frequency F= External trigger frequency	Duration of light on	Internal trigger frequency
LS-4STU4860-2N	N Series Brighten strobe controller	2	0-999us(adjustable)	F≤200HZ	0-999us (adjustable)	1-200Hz (adjustable)
LS-4STU4860-4N	N Series Brighten strobe controller	4	0-999us(adjustable)	F≤200HZ	0-999us (adjustable)	1-200Hz (adjustable)
LS-4STU48120-2N	N Series Brighten strobe controller	2	0-999us(adjustable)	F≤200HZ	0-999us (adjustable)	1-200Hz (adjustable)
LS-4STU48120-4N	N Series Brighten strobe controller	4	0-999us(adjustable)	F≤200HZ	0-999us (adjustable)	1-200Hz (adjustable)
LS-4STU48200-2N	N Series Brighten strobe controller	2	0-999us(adjustable)	F≤200HZ	0-999us (adjustable)	1-200Hz (adjustable)
LS-4STU48200-4N	N Series Brighten strobe controller	4	0-999us(adjustable)	F≤200HZ	0-999us (adjustable)	1-200Hz (adjustable)
LS-4STU48120-4P	P Series Brighten strobe controller	4	0-100us(adjustable)	F≤50HZ	0-100us (adjustable)	1-50Hz (adjustable)
LS-4STU48200-2P	P Series Brighten strobe controller	2	0-100us(adjustable)	F≤50HZ	0-100us (adjustable)	1-50Hz (adjustable)
LS-4STU48200-4P	P Series Brighten strobe controller	4	0-100us(adjustable)	F≤50HZ	0-100us (adjustable)	1-50Hz (adjustable)

Dimensions

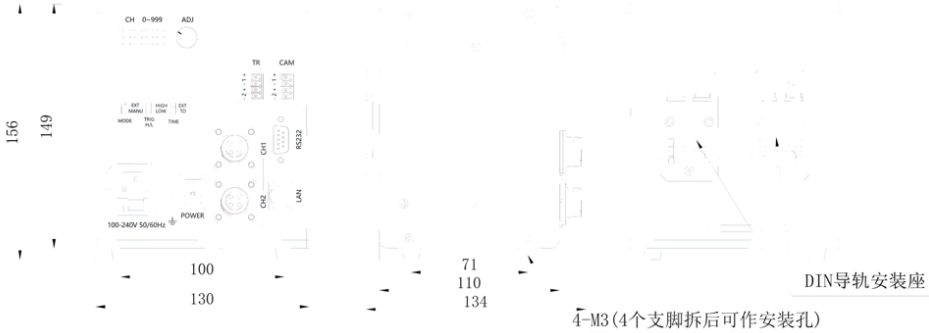
LS-4STU48200-2N

		产品型号	LS-4STU48200-2N
		驱动方式	恒压型
单位	mm (毫米)	点亮时间	0-999us可调
比例	1:1	输入	AC100~240V 50/60Hz
版本	NO 2.0	内部触发	1-200Hz可设
具备通讯，触发功能，			



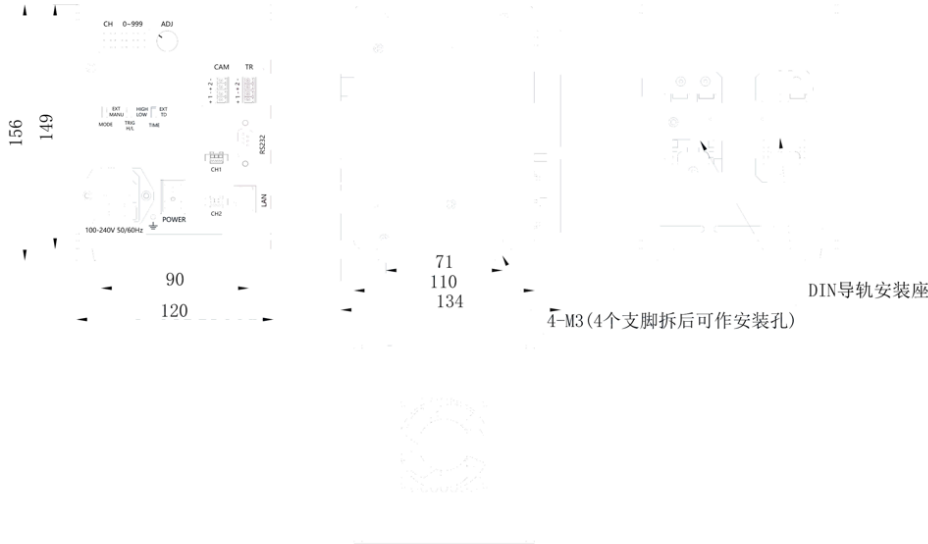
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LS-4STU4860-2N

		产品型号	LS-4STU4860-2N
		驱动方式	恒压型
单位	mm (毫米)	点亮时间	0-999us可调
比例	1:1	输入	AC100~240V 50/60Hz
版本	NO 2.0	内部触发	1-200Hz可设
具备通讯，触发功能，			



LS-4STU4860-4N

		产品型号	LS-4STU4860-4N
		驱动方式	恒压型
单位	mm (毫米)	点亮时间	0~999us可调
比例	1:1	输入	AC100~240V 50/60Hz
版本	NO 2.0	内部触发	1~200Hz可设
具备通讯，触发功能，			

