

Strobe controller (BPS series)

LS-BPS series · Light controllers · 1 model

Constant-voltage 4-channel strobe controller whose output pulse width can be set from 1 us to 999 us, suited to short-exposure flash lighting. It outputs the camera trigger signal automatically so the photo is taken at the same time as the flash.

Features

- Pulse width of the output voltage settable from 1 us to 999 us, set by ratio
- Exposure flash light source, suitable for short exposure times
- Automatically outputs the camera trigger signal and takes photos at the same time
- External trigger mode turns the lights on on request; internal trigger mode turns the lights on at a fixed frequency
- Panel buttons, RS232 and Ethernet control
- DIN rail mounting (C45 / 35 mm DIN rail)
- External trigger accepts NPN or PNP control circuits (COM terminal is non-polar)



Applications

- Short-exposure strobe lighting for machine vision

Common specifications

Drive method	Constant voltage
Operating temperature/humidity	0~40 °C, 20~85% RH (non-condensing)
Storage temperature/humidity	20~60 °C, 20~85% RH (non-condensing)
Cooling	Forced cooling

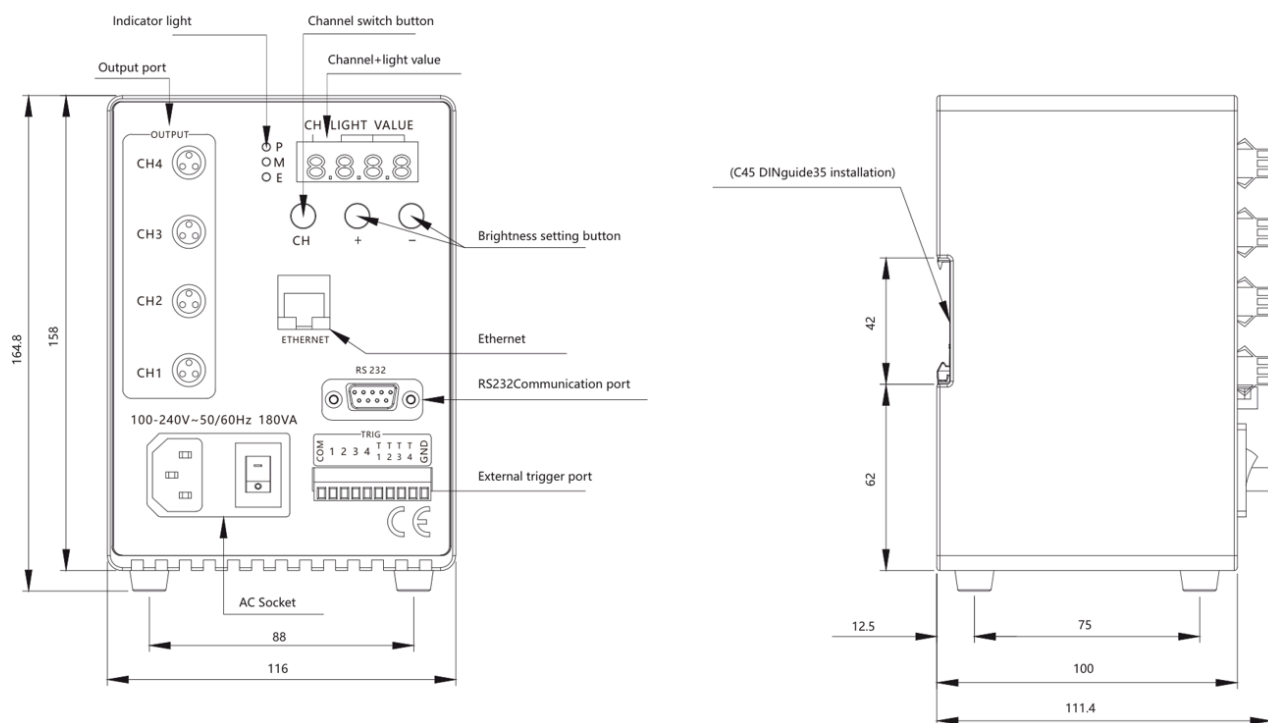
Ordering code: LS-BPS<voltage V><power W><version>-<channels><T = trigger><D = guide rail installation> (e.g. LS-BPS24120C-4TD; "G" means overseas version)

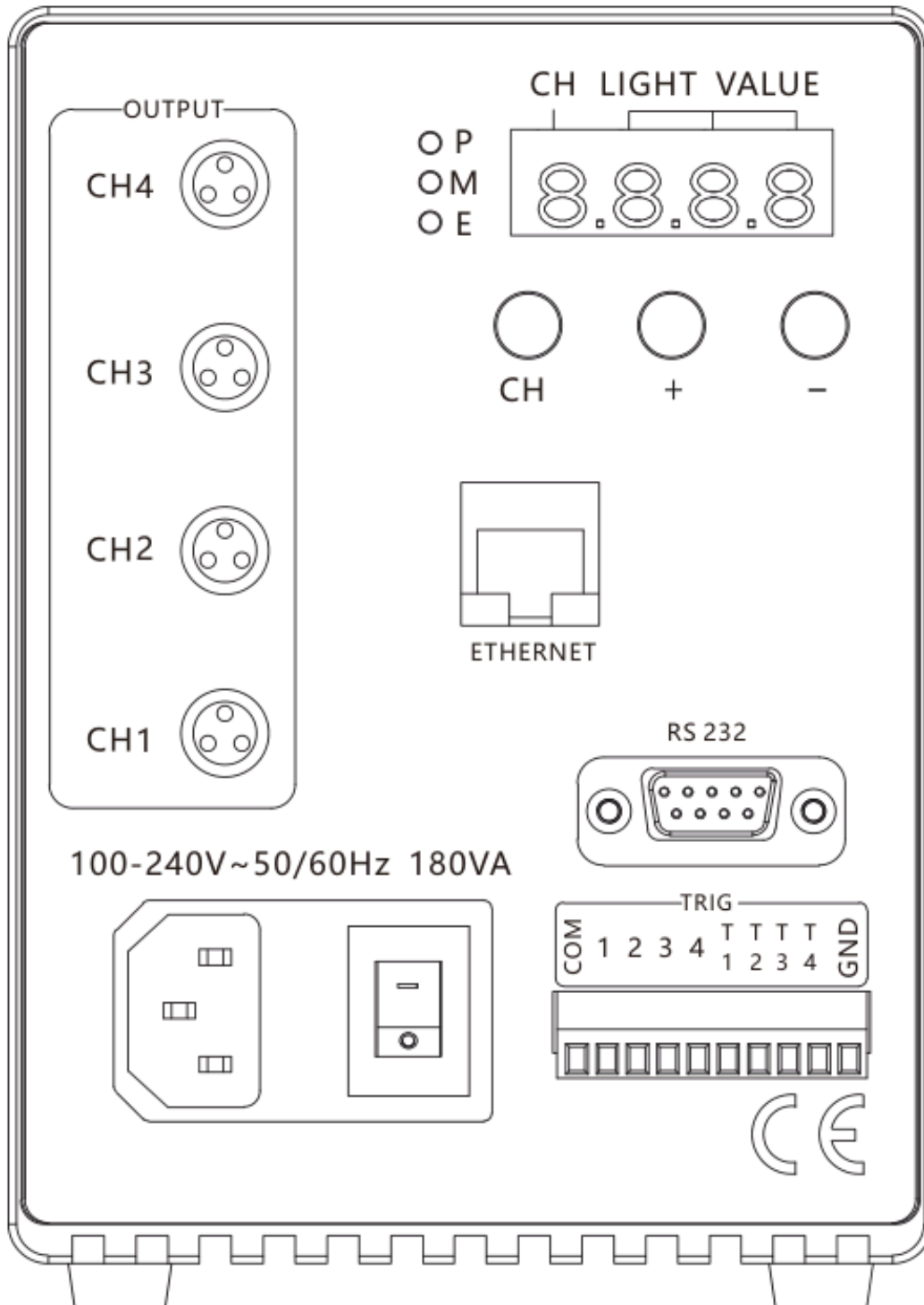
Models

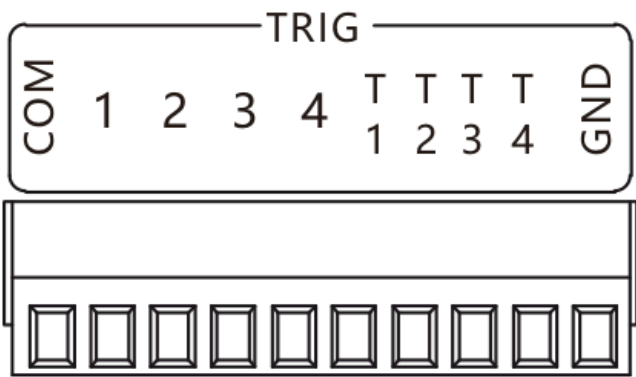
Model	Pulse width adjust mode	Pulse width	Input voltage	Channels	Output voltage	Max output	Total power
LS-BPS24120C-4TD	Panel button / RS232 / Ethernet	1 us ~ 999 us	AC100-240V 50/60Hz	4	48V	Peak value 50A (single channel)	120W

More values per model (Output port, External trigger voltage, Trigger delay, External trigger port, Front panel rating label, Mounting, Dimensions (mm), Total output (W), Control) are on each product page.

Dimensions







Port	Port definitions
COM	External trigger signal input public port
1	CH1External trigger signal input
2	CH2External trigger signal input
3	CH3External trigger signal input
4	CH4External trigger signal input
T1	CH1Camera trigger signal input
T2	CH2Camera trigger signal input
T3	CH3Camera trigger signal input
T4	CH4Camera trigger signal input
GND	Camera trigger signal output negative pole

Remark: COM ports are non-polar

Performance

