

Strobe Overdrive light controllers

LS-STROBE-OVERDRIVE-LIGHT series · Light controllers · 2 models

Adjustable light pulse width from 0 to 999 μ s Boosts instantaneous light brightness by over 400% while extending light lifetime

Features

- Adjustable light pulse width from 0 to 999 μ s
- Boosts instantaneous light brightness by over 400% while extending light lifetime
- Camera trigger port for well-synchronized image capture
- 2 operating modes: external trigger and internal trigger
- 2 protection mechanisms: output overload and short circuit



Common specifications

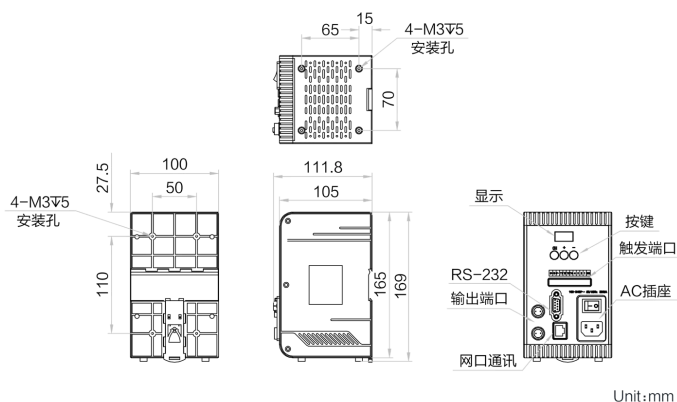
Drive mode	Constant voltage
Lighting mode	Pulsed
PWM frequency	Not supported
Strobe overdrive	Supported
Dimming mode	Pulse width adjustment
Brightness level	0 ~ 999
Lighting response time	$\leq 5 \mu$ s
Trigger mode	External trigger and internal trigger
Communication protocol	RS-232, GigE
Applicable product	Ring light, Bar light, Flat light, Coaxial light
Input voltage	48 VDC
Input current	2.4 A
Output current	100 A max
Output power	200 W max
Trigger in	Rising-edge signal, 12 to 24 VDC
Trigger out	12 VDC voltage signal output in sync with the light
Power supply interface	AC socket
Console interface	Serial port
Digital I/O	4 inputs, 4 camera trigger outputs (camera triggering supports rising edge only), 1 internal power output
Shell material	Plastic

Weight	Approx. 810 g
Temperature	Working temperature: 0 °C to 40 °C (32 °F to 104 °F); Storage temperature: -20 °C to 60 °C (-4 °F to 140 °F)
Ingress protection	IP30 (when properly installed)
Humidity	20% RH to 85% RH (no condensation)
Cooling mode	Forced cooling (built-in fan)
Certification	CE, RoHS

Models

Model	Channel	Output current for each channel	Lighting output connector	Dimension
LS-LEVD-200-2-PY	2	50 A max (instantaneous)	12M-2B	169 mm × 100 mm × 111.8 mm
LS-LEVD-200-4-PY	4	25 A max (instantaneous)	SMP-03V-BC	169 mm × 100 mm × 112.5 mm

Performance



Product views

