

Two / four / eight channel standard digital controller (DCS2.0 series)

LS-DCS2.0 series · Light controllers · 6 models

Second generation standard digital constant-current controller, 2, 4 or 8 channels, 100-220V AC input, key and RS232 brightness control in 255 levels, passive external trigger. The controller provides power to the light source and controls its brightness and lighting state (on, off); a trigger signal to the controller strobes the light source and prolongs its life. Digital controllers can be controlled remotely by PC equipment.

Features

- Exquisite appearance
- Easy installation
- Add guide buckle (DIN rail clip)
- Easy operation
- Operation panel front
- Noiseless fan
- High power
- Strong heat dissipation
- Constant current stable output/no strobe
- Adjust by key or upper computer software (RS232)



Applications

- Powering machine vision LED light sources, brightness control and strobe (trigger) control

Common specifications

Control mode	Constant current
Input voltage	100-220V AC
Output voltage range	DC14.0V~24.0V
Manual adjustment	yes (adjust by key)
Remote adjustment	yes (through the upper computer software)
Luminance level memory	yes (memory automatically remembered 8 seconds after adjustment)
RS232 communication baud rate	9600
Adjustable brightness level	Level 255 (long press rough adjustment, short press fine adjustment; also adjustable by PC software)
External trigger mode	Passive triggering (effective trigger voltage range 5-24V DC)
External trigger delay time	H, ON→OFF <15us; H, OFF→ON <15us (H = high level trigger)
External trigger frequency	<1/T (determined by the strobe time, e.g. T=1ms gives at most 1KHz)
Work environment	Temperature: -10~50 °C, Humidity: 20~80%
Storage environment	Temperature: -20~70 °C, Humidity: 10~90%
Stand-by power consumption	<3W

Ordering code: LS-<A analog / D digital><P PWM / C current / V voltage driven><M mini / S standard><2.0 = 2nd generation>-<channels>C<max W per channel>W-<output V><PS passive / AS active / S switch-level trigger>

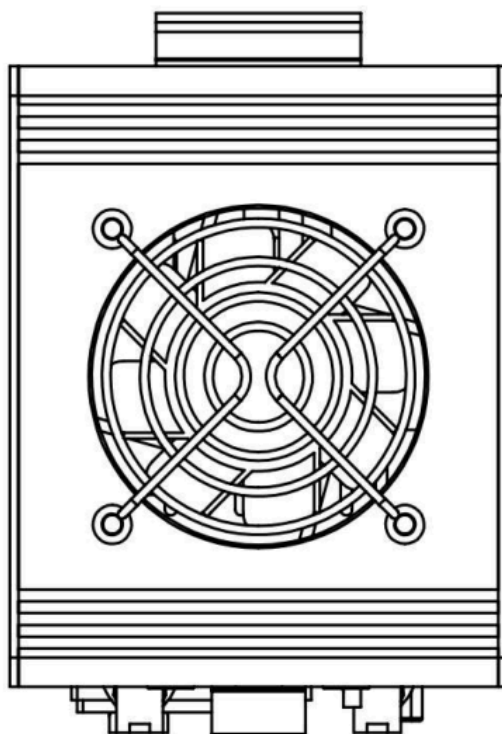
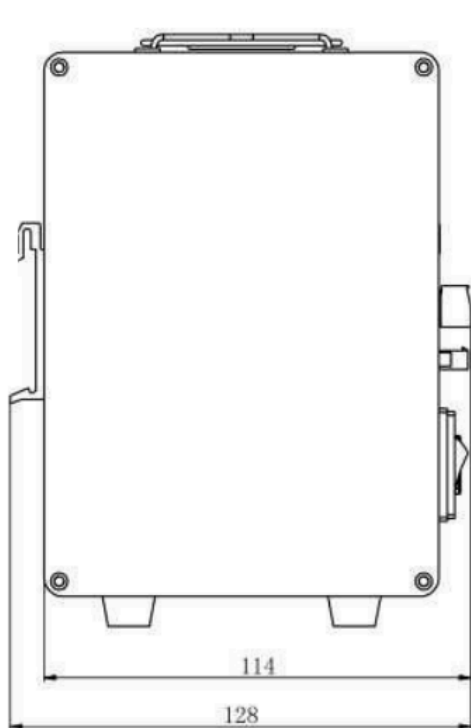
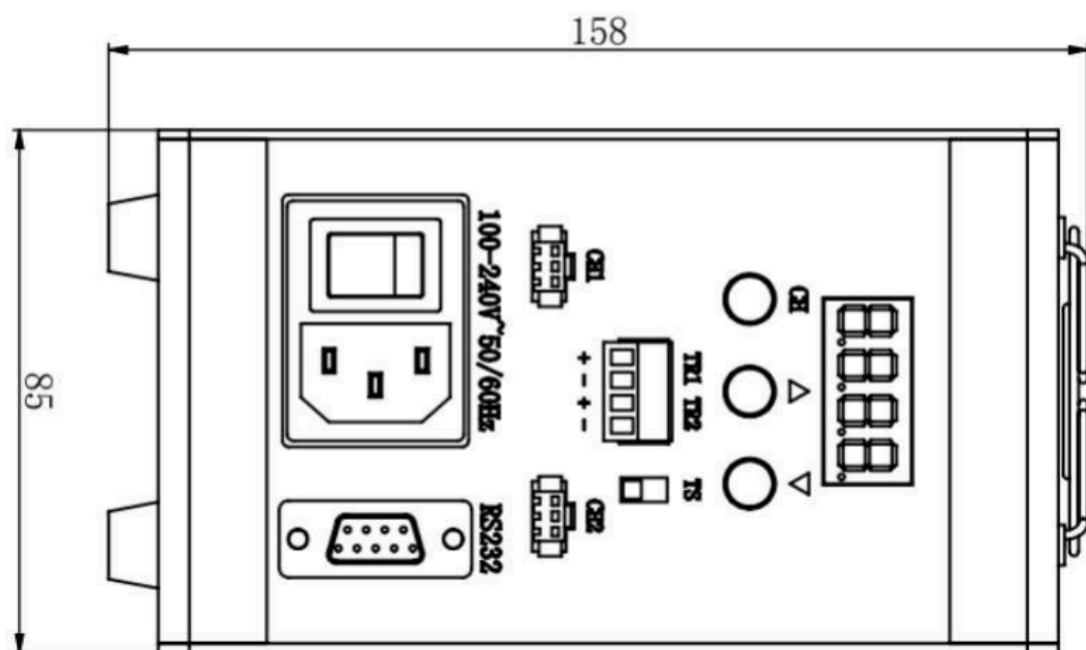
Models

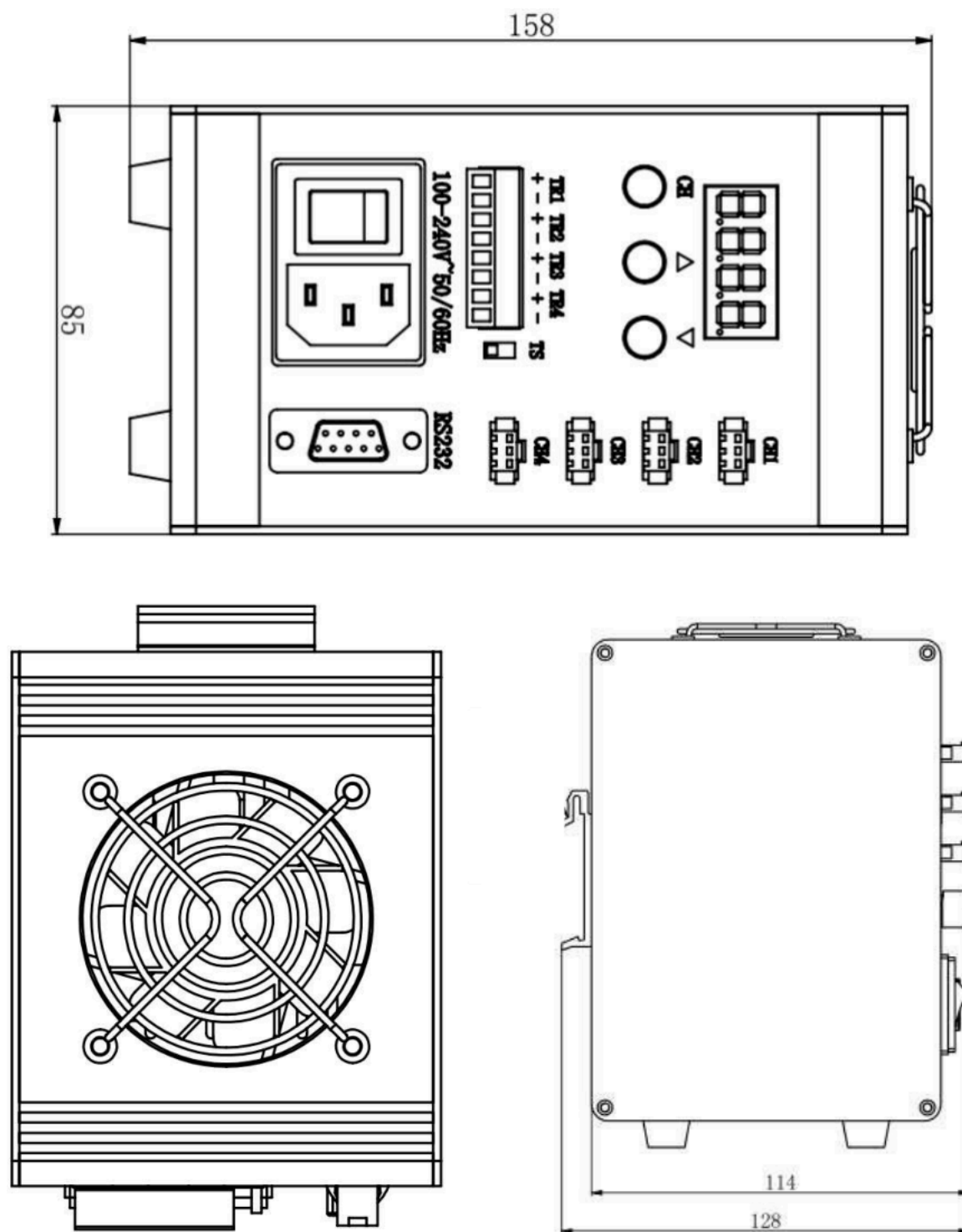
Model	Channel	Power/CH	Total power	Boundary dimension (mm)	Weight	Channels	Total output (W)
LS-DCS2.0-2C012W-24PS	2	12W	24W	128x85x158mm (LxWxH)	0.9Kg	2	24
LS-DCS2.0-2C030W-24PS	2	30W	60W	128x85x158mm (LxWxH)	0.9Kg	2	60

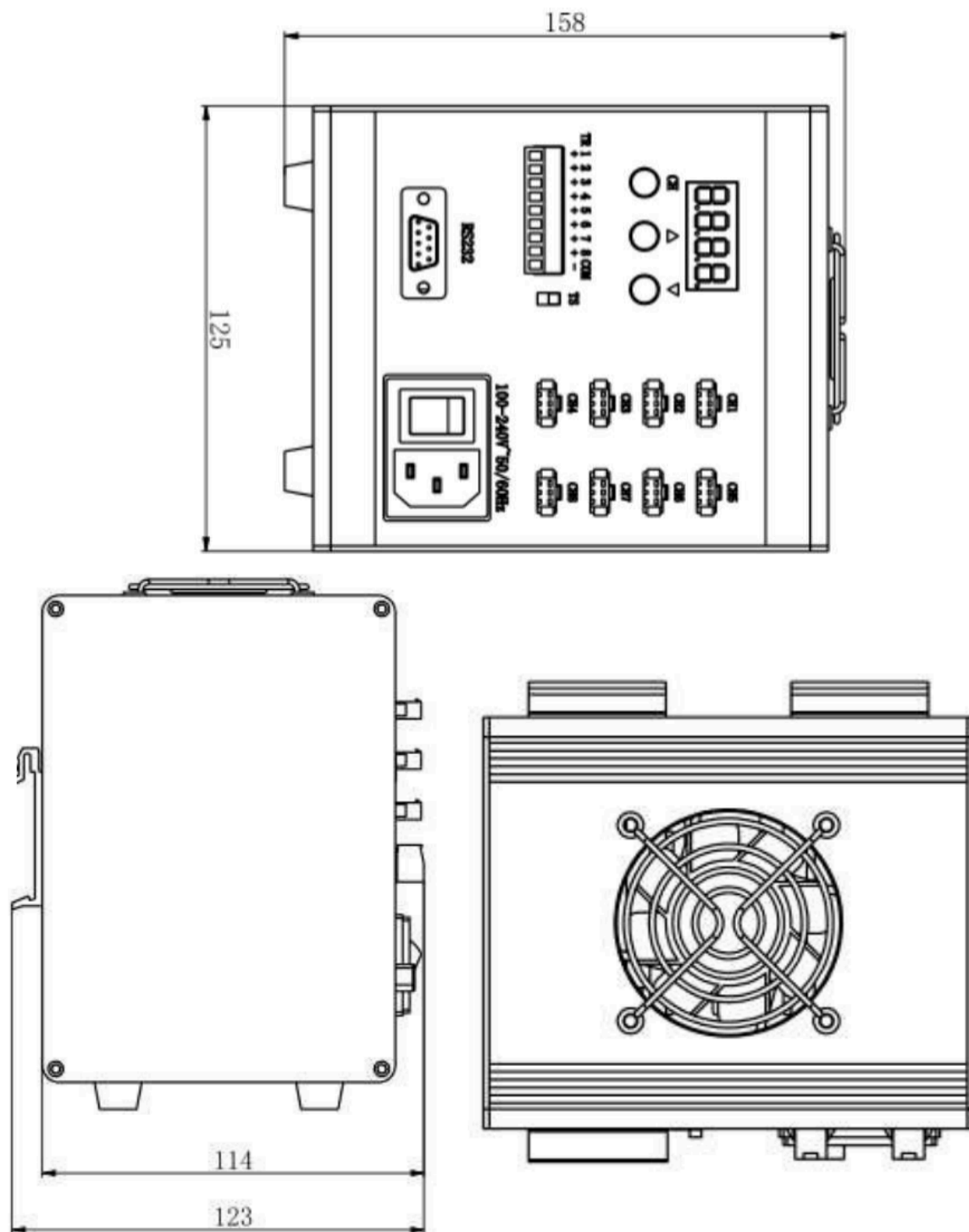
LS-DCS2.0-2C060W-24PS	2	60W	120W	128x85x158mm (LxWxH)	0.9Kg	2	120
LS-DCS2.0-4C015W-24PS	4	15W	60W	128x85x158mm (LxWxH)	0.9Kg	4	60
LS-DCS2.0-4C030W-24PS	4	30W	120W	128x85x158mm (LxWxH)	0.9Kg	4	120
LS-DCS2.0-8C015W-24PS	8	15W	-	123X125X158mm (LxWxH)	1.25Kg	8	-

More values per model (Output voltage, External trigger) are on each product page.

Dimensions







Product views





LS-DCS2.0

