

Constant current hybrid controller (I20)

LS-DC-I20 series · Light controllers · 6 models

Digital constant current controllers with built-in switching power supply, RS232/100M Ethernet, switchable constant light / strobe and millisecond and microsecond strobe; versions for 24V light sources and combined 24V + 5V point light sources.

Features

- Supports RS232 communication
- Built-in 24V switching power supply
- 8-channel constant current control, stable light source brightness
- Supports 4-channel 24V universal light source and 4-channel point light source
- Low trigger response time
- Supports external triggering mode
- Constant light / strobe switchable
- Supports millisecond and microsecond strobe
- Brightness and mode can be set manually
- 5-24V trigger, adaptable to high and low level trigger modes



Common specifications

Brightness levels	255
Communication	RS232 communication, 100M Ethernet (printed 'Hundred Gigabit Ethernet')
Control	Digital (4-digit display, buttons), RS232, 100M Ethernet
Driving mode	Constant current
Max input voltage	AC220V
Microsecond strobe time	1~999us
Millisecond strobe time	1~999ms
Operating temperature	5~50°C
Trigger	5~24V external trigger, adaptable to high and low level trigger modes; edge + level
Trigger mode	Edge + level trigger
Working mode	NORMAL: 0 normally extinguished, 1 bright, 2 millisecond strobe; STROBE: 0 1~999 ms strobe, 1 10~999 microseconds strobe

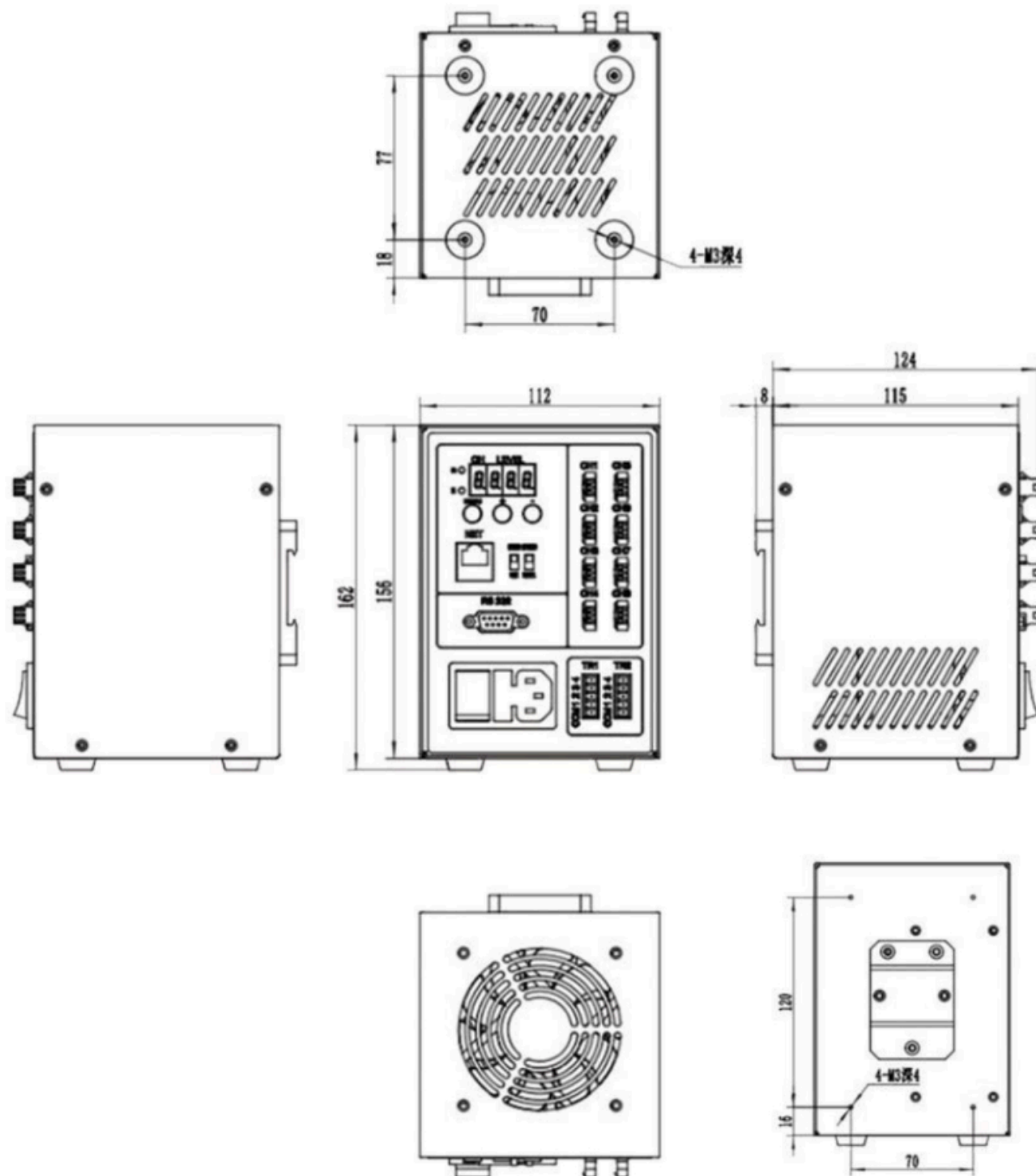
Ordering code: LS-DC<built-in supply power W>-I20CE-24010-X-05010-X (DC = digital current type, I = constant current, 20 = combination series, CE = RS232 + Ethernet, then per group: max output voltage 24 / 05, max output current per channel 010, number of channels X) | LS-DC<built-in supply power W>-I20CE-24020-4 (I20 series, CE = RS232 + Ethernet, 24 = max output voltage, 020 = max output current per channel, 4 = channels) | LS-DC<built-in supply power W>-I20CE-24020-8 | LS-DC200-I20CE-24020-16

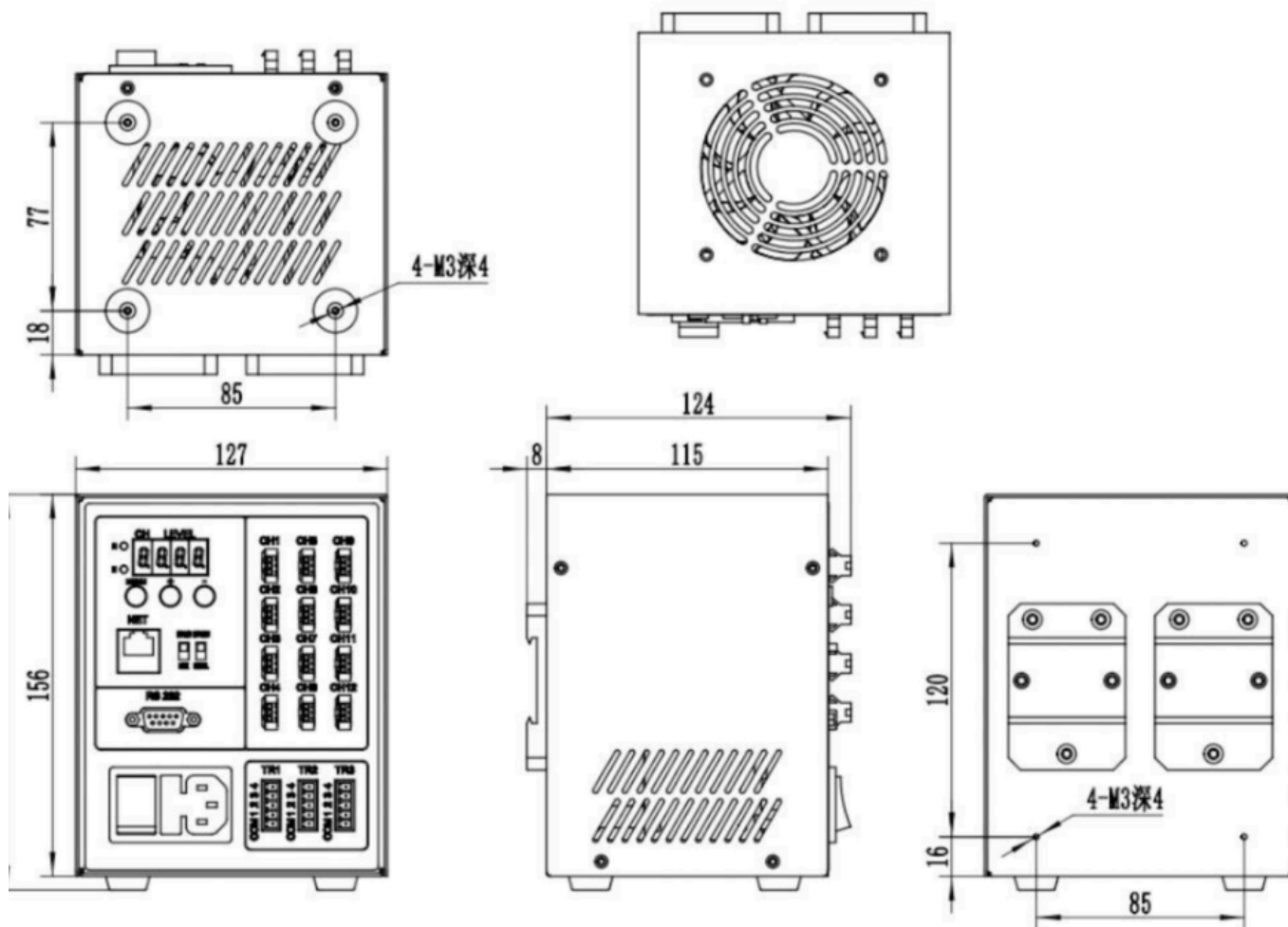
Models

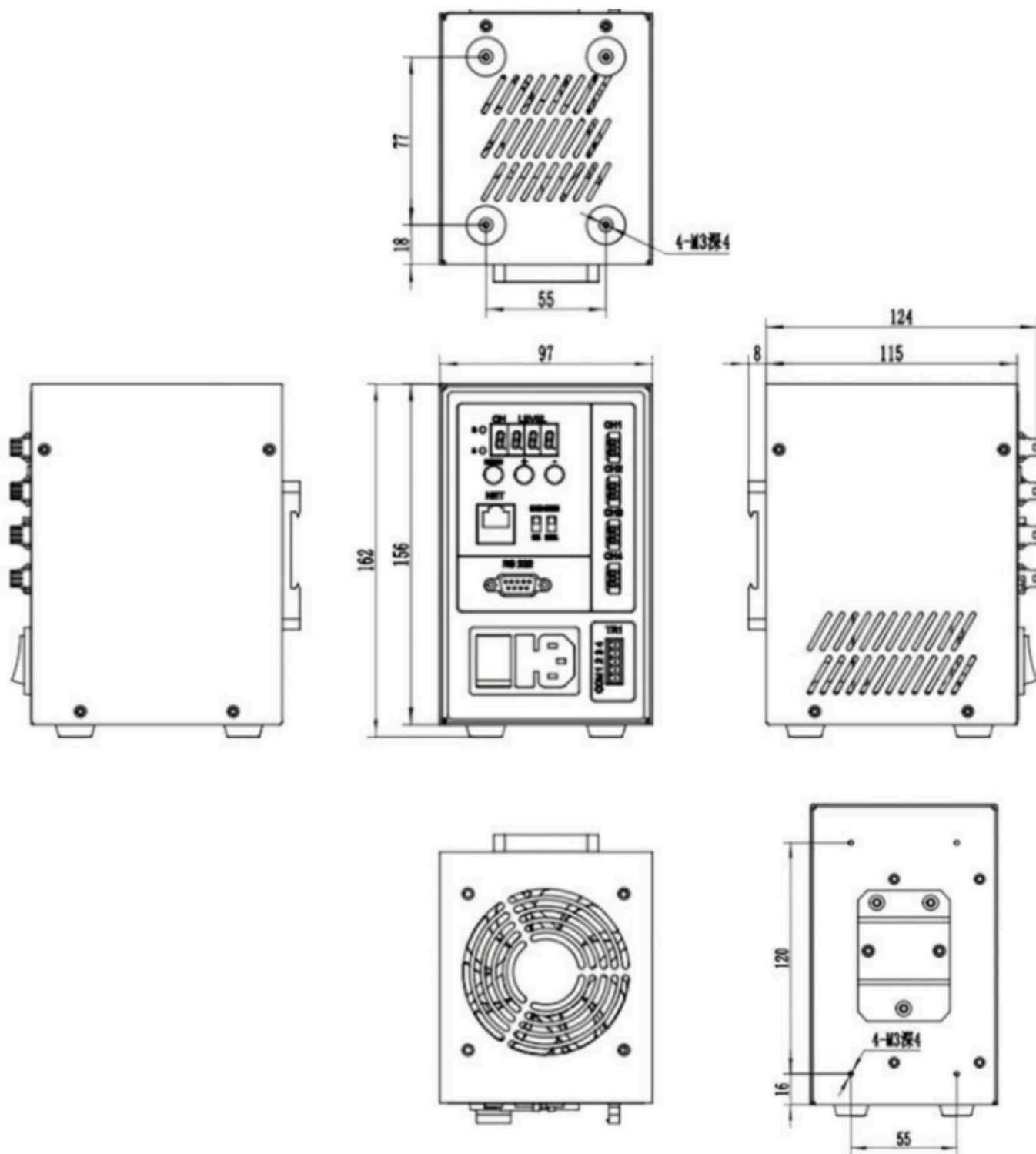
Model	Built-in power supply power	Number of channels	Connected light source type	Single channel instantaneous max current	Max output voltage	Overheat protection	Dimensions (mm)
LS-DC120-I20CE-24010-4-05010-8	120W	12	24V light source + 5V point light source	1A	5V/24V	Yes	112 x 132 x 162
LS-DC120-I20CE-24010-8-05010-4	120W	12	24V light source + 5V point light source	1A	5V/24V	Yes	112 x 132 x 162
LS-DC120-I20CE-24020-4	120	4	10mA~2A 24V light source	2A	24V	-	97 x 132 x 162
LS-DC120-I20CE-24020-8	120W	8	10mA~2A 24V power supply	2A	24V	Yes	112 x 132 x 162
LS-DC200-I20CE-24020-8	200W	8	10mA~2A 24V power supply	2A	24V	Yes	112 x 132 x 162
LS-DC200-I20CE-24020-16	200W	16	10mA~2A 24V power supply	2A	24V	Yes	142 x 132 x 162

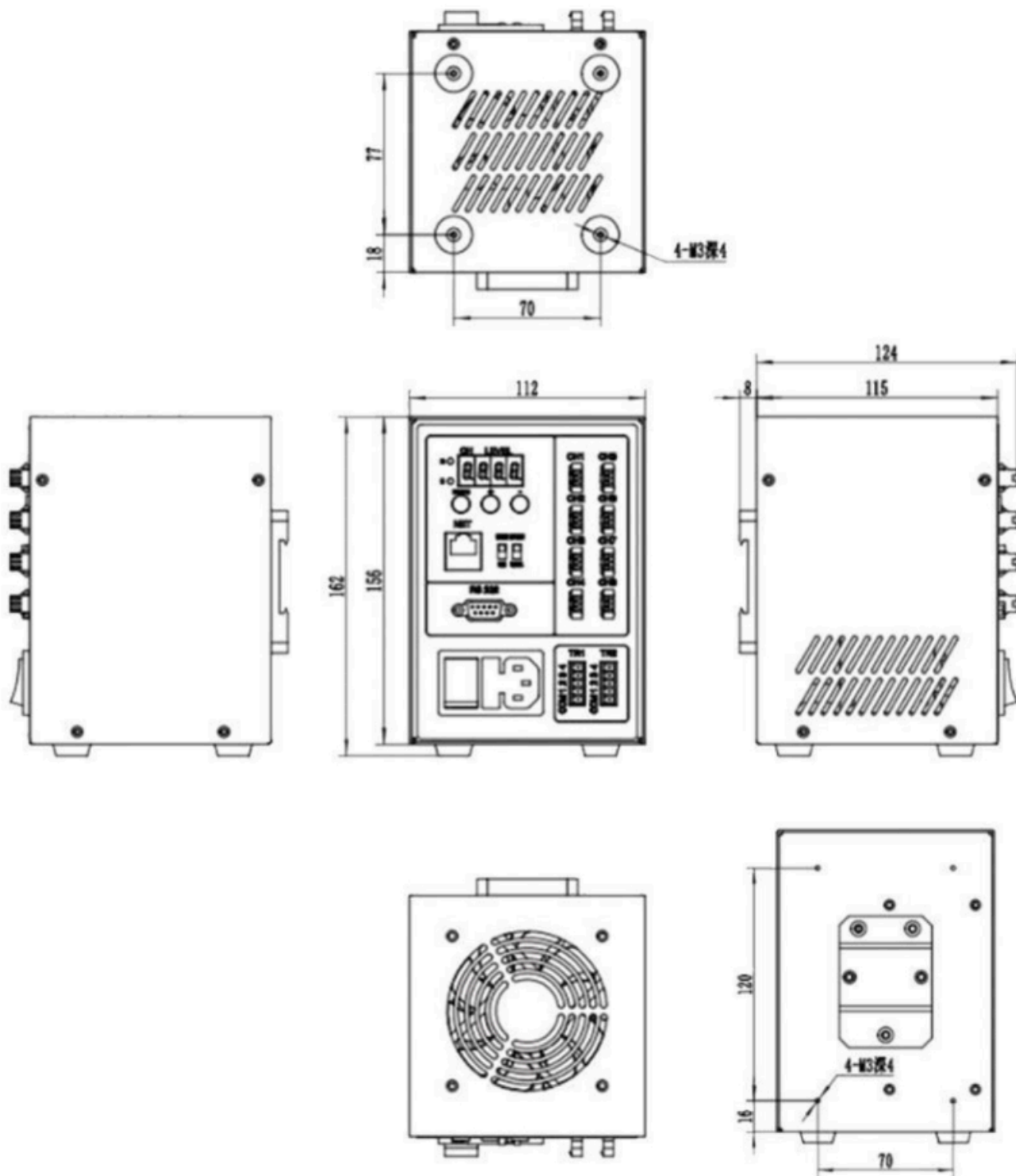
More values per model (Short circuit protection, Connected light source type (parameter table), Total output (W), Luminous mode, Overcurrent protection, Over-voltage protection) are on each product page.

Dimensions









Product views

