

Hybrid / network-port strobe controller (F03)

LS-DV-F03 series · Light controllers · 5 models



Digital voltage-type strobe controllers of the mixed F03 series with built-in 48V switching power supply, RS232 (and Ethernet on CE versions), internal/external triggering and synchronous signal output.

Features

- Supports RS232 communication
- Built-in 48V switching power supply
- Low trigger response time ($\leq 10\mu s$)
- Supports external/internal trigger mode
- Supports synchronized signal output
- Power-down data is automatically saved
- 12V output interface for camera power supply
- Easy to install: screw mount or C45 mounting rail
- 5~24V trigger, adaptable to high and low level trigger modes
- Synchronous trigger output can be connected to external devices so they work in sync with the trigger

Common specifications

Baud rate	9600~115200bps optional
Connected light source type	10mA~2.5A 24V power supply
Internal trigger cycle	10~999ms
Light emitting mode	Strobe
Max input voltage	AC220V
Max output current per channel	Instantaneous 20A
Max output voltage	48V
Operating modes	Internal trigger / external trigger
Operating temperature	5~50°C
Overheat protection	Yes
Short circuit protection	No
Strobe pulse width	10~999us

Ordering code: LS-DV-<built-in supply power W>-F03C-48200-8 (DV = digital voltage type, F = strobe, 03 =

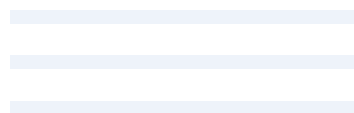
mixed series, C = RS232, 48 = max output voltage, 200 = max output current per channel, 8 = channels) | LS-DV-
<built-in supply power W>-F03CE-48200-4 (F = strobe, 03 = mixed series, CE = RS232 + Ethernet, 48 = max output
voltage, 200 = max output current per channel, 4 = channels)

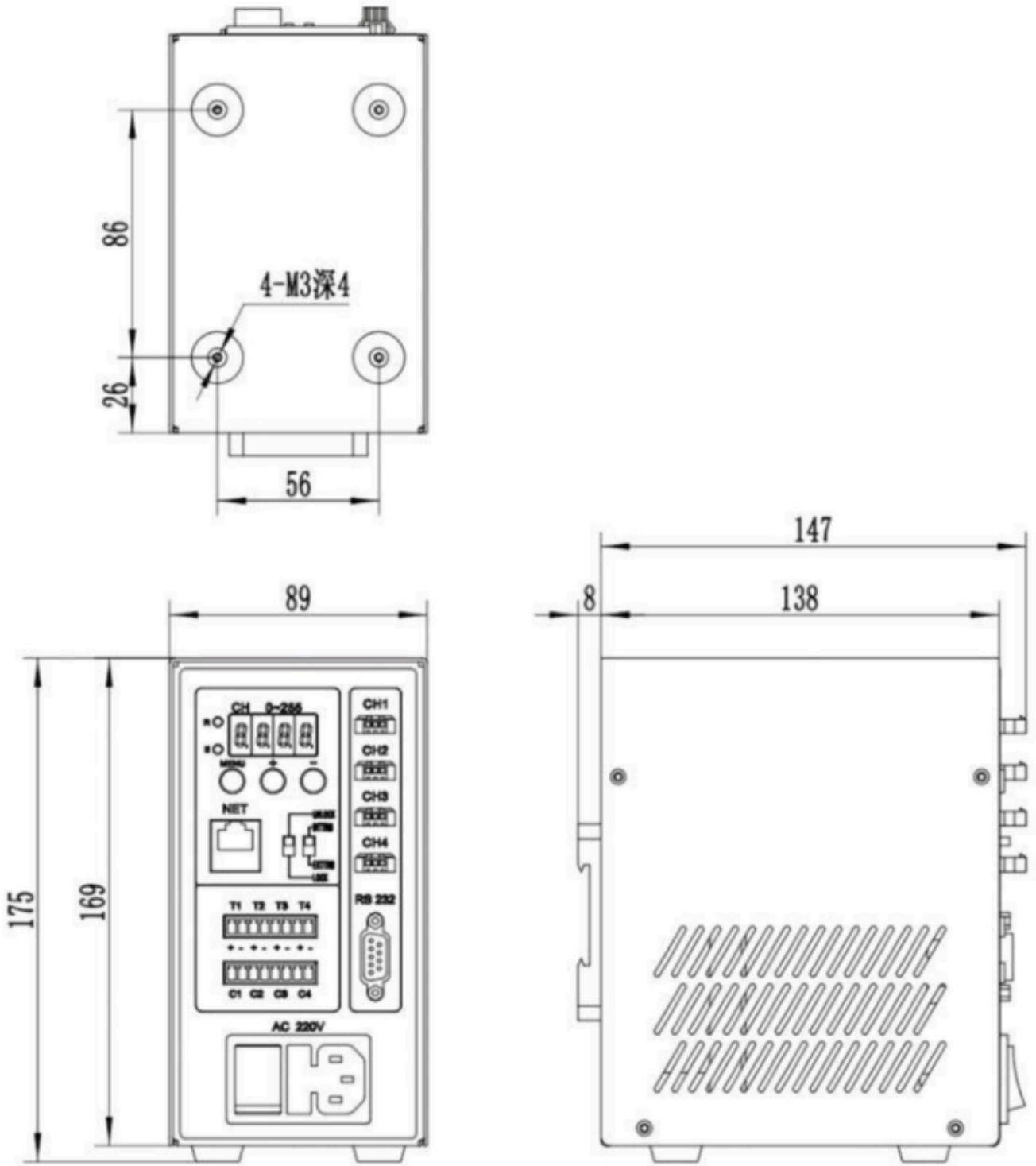
Models

Model	Built-in power supply power	Number of channels	Trigger mode	Dimensions (mm)	Control	Trigger	Total output (W)
LS-DV120-F03C-48200-8	120W	8	Edge (valid in external trigger mode)	185 x 162 x 121	Digital (4-digit display, buttons), RS232	5~24V external trigger, adaptable to high and low level trigger modes; internal trigger; synchronized output	120
LS-DV200-F03C-48200-8	200W	8	Edge (valid in external trigger mode)	185 x 162 x 121	Digital (4-digit display, buttons), RS232	5~24V external trigger, adaptable to high and low level trigger modes; internal trigger; synchronized output	200
LS-DV350-F03C-48200-8	350W	8	Edge (valid in external trigger mode)	185 x 162 x 121	Digital (4-digit display, buttons), RS232	5~24V external trigger, adaptable to high and low level trigger modes; internal trigger; synchronized output	350
LS-DV120-F03CE-48200-4	120W	4	Edge	89 x 147 x 175	Digital (4-digit display, buttons), RS232, 100 Mbps Ethernet	5~24V external trigger, adaptable to high and low level trigger modes; internal trigger; synchronous output	120
LS-DV400-F03CE-48200-4	400W	4	Edge	89 x 147 x 175	Digital (4-digit display, buttons), RS232, 100 Mbps Ethernet	5~24V external trigger, adaptable to high and low level trigger modes; internal trigger; synchronous output	400

More values per model (Strobe delay time, Driving mode, Connected light source type (parameter table)) are on each product page.

Dimensions





Product views

