

# High speed strobe controller, 4 channels (DV-F09CE)

LS-DV-F09CE series · Light controllers · 4 models

Supports RS232/100M Ethernet communication. Built-in 48V switching power supply. Trigger time with low latency (less than 500ns).

## Features

- Supports RS232/100M Ethernet communication
- Built-in 48V switching power supply
- Trigger time with low latency (less than 500ns)
- Support external trigger/ internal trigger mode
- Temperature control cooling function
- Power-down data auto-saving
- Adopt IO linkage mode, flexible configuration of pulse width of each sequence light source
- 5~24V trigger, adaptable to high and low level trigger modes



## Common specifications

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| Maximum output current per channel            | Instantaneous 20A                 |
| Maximum input voltage                         | AC220V                            |
| Maximum output voltage                        | 24/36/48V                         |
| Connected light source type (parameter table) | 24V/48V light source              |
| Operating modes                               | Internal trigger/external trigger |
| Short circuit protection                      | NO                                |
| Internal signal frequency                     | 1-200KHz                          |
| Strobe pulse width time                       | 1~999us                           |
| Trigger response time                         | <500ns                            |
| Communication                                 | RS232; 100Gb Ethernet             |
| Signal dithering                              | 0-99us                            |
| Operating temperature                         | 5~50°C                            |
| Light emitting mode                           | Strobe                            |
| Driving mode                                  | Constant voltage                  |
| Dimension                                     | 128x199x151mm                     |

Ordering code: LS-DV<built-in power supply W>-F 09 CE-<max output voltage><max output current of single channel>-<number of channels> (DV = digital voltage type, F = flicker, 09 = high speed series, CE = support RS232 and Ethernet communication), e.g. LS-DV350-F09CE-24200-4

## Models

| Model | Built-in power supply power | Connected light source type | Total output (W) |
|-------|-----------------------------|-----------------------------|------------------|
|-------|-----------------------------|-----------------------------|------------------|