

# STU overdrive controller

LS-STU series · Light controllers · 2 models

The STU overdrive controller can instantly increase lighting brightness by over 3 times for standard 24V light. Built-in DEBUG mode for adjusting the test object and camera focus during testing. With WORK mode, when triggered, instantly increase lighting brightness.



## Features

- Large screen design, with clear parameters and simple operation.
- Internal DEBUG and WORK modes.
- Built-in high-speed isolated optocoupler, the strobe duration 10-999 us when external trigger.
- With serial ports RS232/RS485, remotely controlled.
- Optional of DIN rail mounting and bottom mounting holes.

## Applications

- Suitable for 24V input light, increasing brightness by over 3 times

## Common specifications

|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Input voltage                                   | AC 100-240V                                             |
| Output voltage                                  | 48V                                                     |
| Work (external trigger) - emission duration     | 10-990us                                                |
| Work (external trigger) - brightness setting    | configured with a relative pulse width ratio of 10-100% |
| Work (external trigger) - emission delay        | 8us                                                     |
| Work (external trigger) - trigger input voltage | DC5-24V                                                 |
| Debug mode (internal trigger)                   | Periods of 1.42ms or 3us optional                       |
| Overload protection                             | 110% (Restore after power-off and restart)              |
| Weight                                          | 1KG                                                     |
| Standard accessories                            | AC power cord                                           |

Ordering code: STU + output total power + output voltage + channel + interface (232 is RS232, 485 is EIA485, RJ45 is Lan); coding table example: STU | 60 | 48 | 4 | 232

## Models

Model

LS-STU-6048-4

LS-STU-15048-4

More values per model (Suitable light, Channels, Control) are on each product page.