

Time-division line-scan light controller (TPS series)

LS-TPS-TD series · Light controllers · 1 model



Time-division line-scan light controller: one trigger input can freely combine the 8 channels for output; screen display, RS232 communication, screw mounting and high-speed optocoupler trigger input with a maximum trigger delay of 500 ns.

Features

- One trigger input can freely combine the 8 channels for output
- Screen display, settings easy to confirm
- Communication: RS232
- Mounting: screw
- External trigger input with high-speed optocoupler design, maximum trigger delay 500ns
- Built-in 5V output, can supply a sensor
- 4 camera outputs with 5V differential signals, can trigger cameras directly

Applications

- Time-division (multi-light, sequential) line-scan imaging with the time-division line-scan lights

Common specifications

Operating temp/humidity	0~40 °C, 20~85 %RH (non-condensing)
Storage temp/humidity	20~60 °C, 20~85 %RH (non-condensing)

Ordering code: LS-TPS<voltage V><power W><version>-<channels>T(trigger), e.g. LS-TPS481500B-8T

Models

Model	Drive method	Control mode	Input voltage	Channels	Output voltage	Differential trigger voltage	Single-ended trigger voltage
LS-TPS481500B-8T	Constant voltage	RS232 communication	AC100~240V 50/60Hz	8	DC 48V	5V	C12V~24V (current about 5.6mA) (as printed)

More values per model (Camera output voltage, Reset voltage, Total power, Output port, Trigger delay, Cooling method, Dimensions, Trigger port, Trigger timing, Panel, Mounting, Drawing dimensions (mm)...) are on each product page.

Dimensions

