

Programmable light controllers

LS-PROGRAMMABLE-LIGHT series · Light controllers · 2 models

Constant-voltage drive for stable light control Device management and parameter configuration via Ethernet

Features

- Constant-voltage drive for stable light control
- Device management and parameter configuration via Ethernet
- External trigger input and output for synchronized light and camera control
- High-frequency response for fast light pattern switching with line-scan cameras
- Dedicated client and management software: feature-rich and easy to use



Common specifications

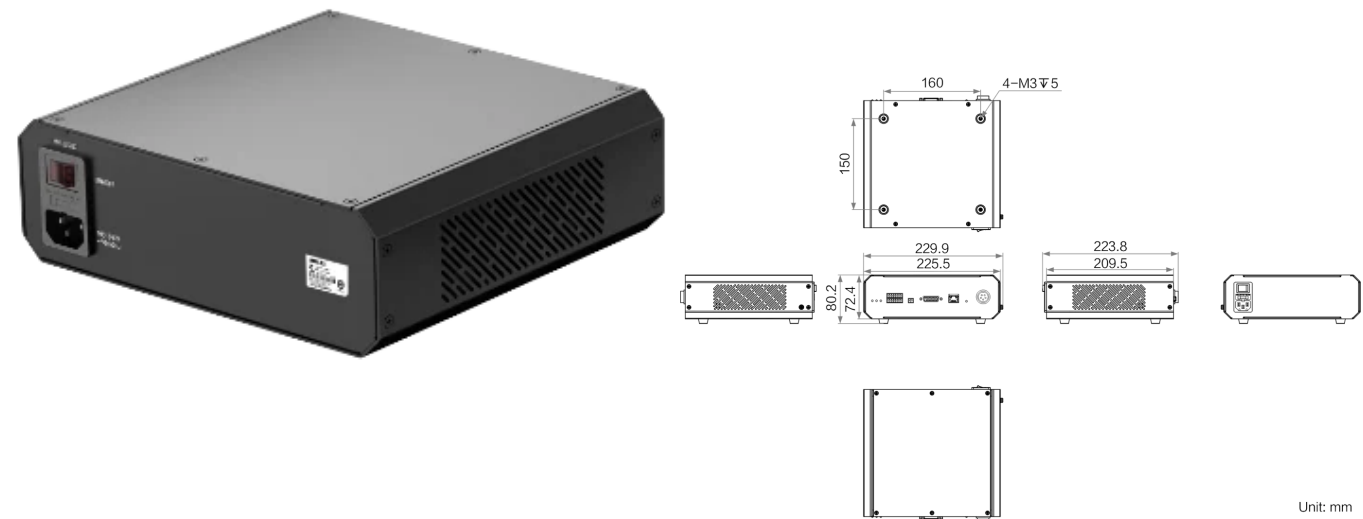
Drive mode	Digital, constant voltage
Lighting mode	Strobe
Channel	1 channels
Dimming mode	Software (Ethernet port), Adjustable brightness
Trigger mode	External trigger supported, Internal trigger, Software trigger
Trigger response delay	650 ns
Max. line rate	200 kHz
Communication protocol	UDP
Applicable product	2.5D line-scan programmable fringe light
Input voltage	24 VDC
Trigger in	High level 4.5 to 24 VDC, Low level 0 to 2 VDC
Trigger out	RS485 standard output
Power supply interface	C13 220 VAC interface
Console interface	RJ45 Ethernet port
Digital I/O	3 I/O, Single-ended/differential supported
Lighting output connector	18MF-5B (female)
Dimension	225.5 mm × 224 mm × 80.2 mm
Shell material	Aluminum alloy housing
Weight	2.35 kg
Temperature	Working temperature: 0 °C to 40 °C (32 °F to 104 °F); Storage temperature: -20 °C to 60 °C (-4 °F to 140 °F)

Humidity	20% RH to 85% RH (no condensation)
Ingress protection	IP30
Cooling mode	Fan cooling
Certification	CE, KC

Models

Model	Input current	Output current	Output power	Output current for each channel
LS-LE202-300W24-1T	3.4 A (115 VAC), 1.7 A (230 VAC)	12.5 A max	300 W max	12.5 A max
LS-LE202-600W24-1T	3.7 A (115 VAC), 1.6 A (230 VAC)	16 A max	405 W max	16 A max

Performance



Product views

