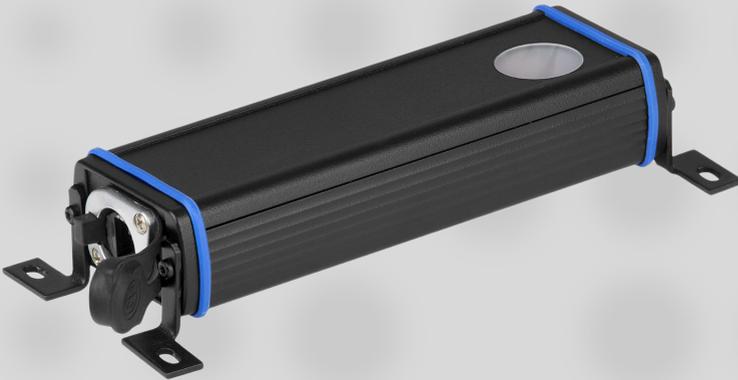


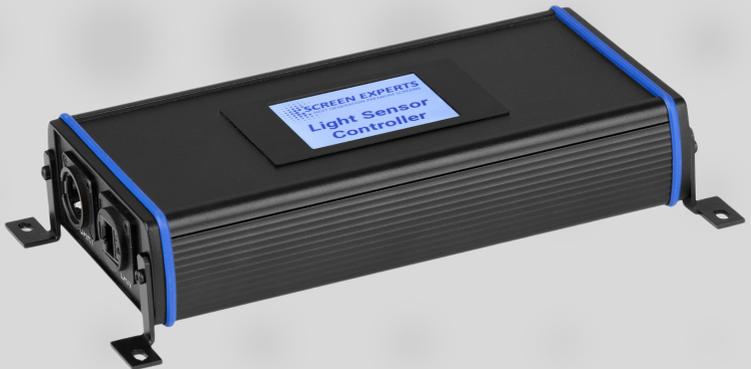
# Light Sensor

SX-LS-POE-IND HQ1-0



# Light Sensor Controller

SX-LSC-XS HQ1-0



## Features Light Sensor

- Data transfer and power supply via POE
- Brightness measurement from 0 - 64.000 lux (in 1 lux steps)
- Waterproof for outdoor installation
- Built-in RJ45 jack: Neutrik etherCON NE8FDP-TOP
- Web interface:
  - Status check via network
  - Password protected admin area for setting fixed IP address
  - Adjustable offset for measured lux value

## Features Light Sensor Controller

- Road traffic mode - designed for use in road traffic
- Particularly fast response times between LED screen and brightness measurement
- Manages up to 4 light sensors via LAN
- Manual and automatic configuration of LUX table
- Novastar controller controllable via UART or LAN
- Logging of brightness values and important events on SD card
- Real time clock
- Night switching for idle times of the screen
- Fixed brightness values (3) for manual mode
- Extra robust housing

- Web Interface
  - Status check of light sensors and light sensor controller via network
  - Password protected admin area
  - Setting the IP address of the light sensor controller
  - Sensor settings - road traffic mode, number of connected sensors
  - Adjustable idle times
  - Download of log files
  - Reboot via remote access
  - Setting of emergency brightness values
  
- Touch Display
  - Status display - measured LUX value, output % value to LED controller, connection to LED controller and network
  - Error display in case of lost connection
  - Manual selection of 3 preset emergency brightness values
  - Display of IP addresses of light sensor controller and light sensors, transmission mode to LED controller

## Technical Data Light sensor PoE

Product Details	SX-LS-POE-IND HQ1-0
Lux Range	0-64.000
Controlling	Ethernet 100mbit interface
Power Supply	PoE Powered IEEE 802.3-compliant
Housing	Industrial grade metal housing
Interfaces	LAN (PoE, Ethernet)
Safety	3000VDC galvanic insulation
Security	Password protected Administration
Firmware Updates	Yes (via Ethernet)
Power consumption	Low Power consumption deep sleep mode 200uA
Working Temperature	40 to +85 °C
Dimensions (mm)	190 x 86 x 50

## Technical Data Light sensor controller

Product Details	SX-LSC-XS HQ1-0
Supported Processing	Novastar
Controlling	Novastar via LAN & UART
Power Supply	External 5V / 2A
Housing	Industrial grade metal housing
Interfaces	LAN, UART, (Touch)-Screen, Web interface
Security	Password protected administration
Firmware Updates	Yes
Power consumption	Low Power consumption Design max 10W
Working Temperature	-40 to +85 °C
Dimensions (mm)	220 x 110 x 50