

Light-controlled switch sensing module



Overview

It is a photosensitive sensor module. It can be used for various light brightness detection, 4-channel detection, and 4-channel simultaneous control. Comparator output, clean signal, good waveform, strong driving ability, more than. Choose products designed with proven sensor technology and mis-wire protections. Out-of-the-box operation to address energy rebates and savings in your standalone spaces. Stocked at your local distributor or available in as little as two days. Available in over 200 Acuity Brands luminaire families to. Light detection, brightness detection, test and adjust brightness threshold via potentiometer, comes with relays, can do all kinds of brightness detection switch. Can control various street lights. Comparator output, clean signal, good waveform, strong driving ability, more than 15mA. It is equipped. Lighting isn't just about flipping a switch anymore. Today, smart systems let you shape how a room feels with a tap, a voice command, or even automatically based on the time of day. At the heart of these systems are lighting control modules, compact devices that manage brightness, color, energy. Light sensor modules detect and measure light intensity, converting the light energy into an electrical signal that can be processed by your system.

Article Content

Jun 01, 2026

LDR sensor with Arduino – How to use (with examples)

Learn how to use a Light Dependent Resistor with Arduino. This post will cover the basics of the LDR and how to use it to turn on a light when it's dark.

Aug 25, 2025

Lighting Control Modules Explained: Features, Types,

Control modules enable lights to dim during downtime, switch on automatically in high-traffic areas, and enhance efficiency across large spaces.

Dec 25, 2025

12V Light Control Switch

Description: The module can be used for light detection and brightness detection. It has a power indicator (red) and a relay pull indicator (blue), and has four M3

Dec 05, 2025

Amazon : Photoelectric Switch

Discover reliable photoelectric switches for automatic outdoor lighting control. Find dusk-to-dawn sensors that activate at sunset and deactivate at dawn.

Sep 26, 2025

Light Magic: Using LM393 and Arduino UNO

Automatic light control using a photosensitive LDR sensor module and Arduino. Find this and other hardware projects on Hackster.io.

Jul 07, 2025

How to use LDR Sensor Module with Arduino

LDR Sensor Module (Light Dependent Resistor) A photoresistor module serves as a light intensity detection device in various environments. It has

Apr 17, 2026

Light Sensitive Relay Module 5V

The Light Sensitive Relay Module 5V can automatically control a load such as a night security light based on the ambient light level.

Nov 01, 2025

DC 12V Light Control Module Photoelectric Relay Switch

DC 12V Light Control Module Photoelectric Relay Switch A photosensitive sensor control switch is used to detect current brightness and

Sep 13, 2025

Smart Light Switch Sensors | McMaster-Carr

Choose from our selection of smart light switch sensors in a wide range of styles and sizes. Same and Next Day Delivery.

Jun 25, 2026

Amazon : Switchbot

Discover SwitchBot's innovative smart home products that let you automate and control lights, switches, curtains, and more with ease.

Oct 12, 2025

What is a Light Sensor? Types, Uses, Arduino Guide

A light sensor is a photoelectric device that converts light energy (photons) detected to electrical energy (electrons). Seems simple? There is more

Aug 07, 2025

TGL Technologies | LM393 Photosensitive Light Sensor LDR Module

Discover the LM393 Photosensitive Light Sensor LDR Module, ideal for detecting ambient brightness and light intensity. Compatible with Arduino and Raspberry Pi, it features adjustable sensitivity, digital

Jul 15, 2025

Lighting Control Module

The range includes a series of programmable Lighting Control Modules and a choice of PIR and microwave detectors each with photocells for daylight harvesting. Controls enhance any lighting

May 14, 2026

MOES Smart Home | Premium Switches, Sensors

Browse MOES Smart Home Devices: smart switches, sockets, thermostats & security sensors with global shipping, 2-year warranty

Dec 17, 2025

Modul Photoresistor Kontrol Kecerahan Otomatis 12V

Nama Produk: Modul Photoresistor Kontrol Kecerahan Otomatis 5V-12V Light-Controlled Switch Relay Spesifikasi: Tegangan Operasi: 5V / 12V DC Jenis

Dec 04, 2025

Light Activated Switch Circuit using LDR Sensor

This is a simple light activated switch circuit designed using LDR. Its main principle is to switch ON the light when the LDR is illuminated.

Aug 13, 2025

Amazon : Solu DC 12V Light Sensor Switch

Buy Solu DC 12V Light Sensor Switch Photosensitive Resistance Relay Module with Cable DC 12V Stable Car LED Headlight Automatic Light Control Circuit

Jul 03, 2025

Amazon : Light Sensor Relay

Amazon : light sensor relay Alinan 6pcs XH-M131 DC 12V 10A Photoresistor Relay Module, Light Control Switch Photoresistor Relay Module Detection Sensor Automatic Light Control Switch with Cable

Jun 19, 2026

4Pcs Capacitive Touch Switch Module

4Pcs Capacitive Touch Switch Module - 10A DC 5-12V, LED Dimming, For Light Bars & Motor Control Touch Sensor Lamp View More Details Get it delivered as soon as today. Schedule your delivery in

Nov 10, 2025

DIYables LDR Light Sensor Module for Arduino, ESP32,

Perfect for automatic lighting control, day/night detection, and ambient light monitoring. The digital output (DO) provides HIGH / LOW signals based on

Oct 12, 2025

Light Sensors | Wall Mounted Light Control Sensors & Detectors | RS

We source advanced light control sensors from leading manufacturers, including Banner Engineering, Omron Automation, and LEVITON. To find the right solution for you, don't hesitate to contact our

Dec 21, 2025

Arduino-Controlled Sensor-Activated Lighting System

Explore comprehensive documentation for the Arduino-Controlled Sensor-Activated Lighting System project, including components, wiring, and code. This project

Feb 23, 2026

Arteor Advance

Uses infrared technology to detect motion and switch on the light, providing energy efficiency and automatic lighting control. The modular two-module 250VA LED design with matt black finish

Jan 31, 2026

Lighting Control Modules Explained: Features, Types,

In short, a lighting control module makes your lighting responsive, flexible, and far more efficient than a simple wall switch. Lighting control modules

Aug 13, 2025

Photosensitive Sensor Module for Light Detection and

Enhance your light control system with our Photosensitive Sensor Module. Featuring a responsive photosensitive resistor, it ensures accurate light detection and

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://elagage-lorrain.fr>

Email: sales@elagage-lorrain.fr

Phone: +33 6 47 82 19 35

Address: 15 Rue de la République, 69002 Lyon, France

This document is for informational purposes only. Specifications subject to change without notice.

