

Eight-port light-emitting module



Overview

This is an ESP32-based Ethernet controller with a level-shifting eight port HAT to control 8 LED pixel strings and/or strips. The module features eight isolated digital inputs, allowing standard momentary switches to trigger events with or without a control system. A single model supports both 120V. The E8 Control Module is the successor to the well-known 8-channel PRO controller from uniLIGHT. Both the hardware and software have undergone a complete make-over, with several new features added, especially the support for uniLIGHT PLUS functionality when paired with uniLIGHT DESK. This. The EL1008 digital input terminal acquires the binary 24 V control signals from the process level and transmits them, in an electrically isolated form, to the higher-level automation unit. (Nasdaq: MCHP), via its Microsemi subsidiary, today announced a cost-effective eight-port PoE switch that provides guaranteed power of 60 watts (W) per port for all eight ports simultaneously.



Article Content

May 29, 2026

Microsoft Word

The communication interface was therefore changed to the 3-pin data interface in connection with the MODUL-PLUS programming cable instead of a mini-USB port. With the benefit, that a successful

Dec 17, 2025

What is a LED Module? | LEDwatcher

Following on from this, an LED – or Light Emitting Diode – module is, simply put, a device containing several LED light bulbs, which is connected to a

Jun 09, 2026

160-Gbps-8-port WDM PON-based RZ coder with vertical cavity

This study involves a simulation-based optimization of a wavelength division multiplexing (WDM) in a passive optical network system, and an RZ modulator, with incorporating a vertical cavity

Mar 13, 2026

uniLIGHT 8-channel, ECO.8+ | uniLIGHT.at

This 8-channel module continues to offer versatile solutions for all lighting tasks in functional model building. It supports up to eight electrical or lighting circuits, with the option to use two different

May 25, 2026

Datasheet

The LED8102S is a monolithic, low voltage, 8 low-side-channel LED driver. The LED8102S guarantees up to 19 V output driving capability allowing users to connect several LEDs in series.

Aug 17, 2025

DIN-8SW8-I [Crestron Electronics, Inc.]

The Crestron® DIN-8SW8-I is an 8-channel lighting control module designed to support non-dimmable lighting and fan switching. The module features eight isolated digital inputs, allowing standard

Apr 06, 2026

Laser Modules-Lasers including VCSEL, HCSEL, Edge

Laser Modules-LEMON Photonics Technologies Co., Ltd. focus on high performance VCSEL, HCSEL, Edge emitting laser chips, laser modules, QuantaHeat Laser,

Aug 30, 2025

Brandon Rasmussen's Eight-Port LED Controller

Maker Brandon Rasmussen has put together a handy high-performance board for anyone looking to drive 12V LED strings: a full eight-port controller board with

Jul 30, 2025

8-Channel LCM|Honeywell Building Automation

CDH8U5 is an intelligent Lighting Control Module providing connections for multiple luminaires, up to 5 presence detectors and up to 10 SELV inputs. Provision is made for 7 switched live outputs plus one

Jun 29, 2025

Beyond 80-Gbit/s-throughput monolithically integrated eight-channel

A 10 Gbit/s × 8 ch WDM modulator module with 50-GHz channel spacing is demonstrated. The module contains only one monolithically integrated WDM modulator chip that is

Nov 07, 2025

LeDiamond Double Side Emitting Muti-Color LED Module

LeDiamond Opto Corp. has announced today the development of a double side emitting muti-color LED module. The new muti-color module may

Jan 01, 2026

Advanced Eight Controller Info - Wasatch Pixels

Wasatch Eight Port Ethernet Controller with Power Distribution to use with WLED and xLights This is an ESP32-based Ethernet controller with a level-shifting eight

Sep 13, 2025

Emerald-MM-8EL 4/8-Port Serial Port Module

DS-MPE-SER4M PCIe MiniCard 4-Port High Speed Module DS-MPE-SER4OPT PCIe MiniCard 4-Port Opto-Isolated Module Janus-MM-4LP PC/104 Dual CAN

Sep 29, 2025

Create Cost-effective Smart Lighting Systems with Eight

To support larger and more efficient lighting systems, Microchip Technology Inc. (Nasdaq: MCHP), via its Microsemi subsidiary, today announced

Aug 14, 2025

QTR-8A and QTR-8RC Reflectance Sensor Array User's Guide

Each module is a convenient carrier for eight IR emitter and receiver (phototransistor) pairs evenly spaced at intervals of 0.375" (9.525 mm). The outputs are all independent, but the LEDs are

Feb 23, 2026

ICC CAT6 Ethernet Data Module, 8 Ports, UL Listed

Description The CAT6 Data Module supports up to 8 data lines with 250MHz performance and 10dB headroom, Compact PCB series. Tested to 250MHz with

Mar 07, 2026

Investigation of light extraction from light emitting module chip-on ...

A research has been carried out on the optimization of the shape of encapsulating cover to minimize optical losses in light-emitting modules fabricated with the "chip-on-board" (COB)

Jun 14, 2026

8-Port PoE+ Switch for Smart Lighting Systems

Connected to the RUT301 Ethernet router, this unmanaged switch takes full advantage of its eight PoE-out RJ45 ports to power an array of light fixtures while

May 15, 2026

Power over Ethernet

Power management features and integration Avaya ERS 5500 switch with 48 Power over Ethernet ports Advocates of PoE expect PoE to become a global long-term

Nov 09, 2025

Arduino Laser Module KY-008 — Wiring & Code

Use the KY-008 laser module with Arduino to control a red laser diode. Includes wiring diagram and example blinker code.

Oct 21, 2025

WO/2023/275228 LIGHT EMITTING MODULE FOR A LIGHT EMITTING

The present invention relates to a light emitting module for a light emitting display, comprising a first backplane (900) and a third backplane (800) arranged in a stackup, wherein the first backplane (900)

Jun 09, 2026

uniLIGHT

Die Softwareschnittstelle wurde auf das 3polige Daten Interface für das uniLIGHT MODUL-PLUS Programmierkabel umgestellt. Neben einer stabileren

Aug 09, 2025

Pathport Octo

PRODUCT DESCRIPTION Eight inputs, eight outputs – or any combination in between, the Octo provides all the features and flexibility Pathports are renowned

Feb 25, 2026

The Most Comprehensive Guide Of Optical Modules

This assembly comprises a light source, such as a laser diode or a semiconductor light-emitting diode (LED), an optical interface, a monitoring

Aug 09, 2025

ISE 2025: MADRIX Unveils Stella 8 Eight-Port DMX Lighting

ISE 2025: MADRIX Unveils Stella 8 Eight-Port DMX Lighting Controller with Remote Device Management rAVe 39.4K subscribers [Subscribe](#)

Jul 22, 2025

Pulse-Eight

UK Based manufacturer of HDBaseT video distribution systems, HDMI over HDBaseT extenders, CEC control solutions, including our exclusive USB-CEC Adapter

May 05, 2026

ECC800-Pro Data Center Controller V100R022C10 User Manual

A WiFi module can be installed at the USB port on the main control module (02312QAA or 02312QAA-001) to provide WiFi signals for devices such as the PAD to exchange data with the ECC800-Pro.

Oct 25, 2025

SFP+8g Sr Light-Emitting Diode (LED) SFP Ethernet

SFP+8g Sr Light-Emitting Diode (LED) SFP Ethernet Fiber Optical MTP/MPO Interface Transceiver Network Module US\$13.33 1-499 Pairs

Jul 02, 2025

EtherCAT Terminal, 8-channel digital input, 24 V DC, 3 ms

Each EtherCAT Terminal has eight channels that indicate their signal state via light emitting diodes. Special features: The EL1008 digital input terminal acquires the binary 24 V control signals from the

Feb 09, 2026

Advanced Eight Port LED Controller w/Power Distro

This is an ESP32-based Ethernet controller with a level-shifting eight port HAT to

Contact Us

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