

Integrated RS485 IoT module with Ethernet and optical ports



Overview

Integrate a solid and reliable micro PLC with your existing machines, devices and production lines – also in combination with other elements in the modular and versatile Arduino ecosystem, from small and smart sensor-packed modules to SOMs to gateways, for end-to-end solutions that can be customized to meet any need. The Arduino PLC IDE makes PLC programming easy. Choose any of the 5 programming languages defined by the IEC 61131-3 standard (Ladder, Functional Block Diagram, Structured Text, Sequential Function Chart or Instruction List) and quickly code PLC applications or port existing ones to Arduino Opta. Arduino Pro partnered with Finder, a leader in the field of electromechanical and electronic components with 65+ years of excellence and expertise to its name, to create a product with high-quality production specs for even the most demanding work conditions in industrial environments. Check the Arduino Forum for questions about the Arduino Language, or how to make your own Projects with Arduino. If you need any help with your product, please get in touch with the official Arduino User Support as explained in our Contact Us page.



Article Content

May 13, 2026

RS485 TO ETH (B)

RS485 TO ETH (B): Common Ethernet port, 9~24V wide voltage power supply via terminal block. RS485 TO POE ETH (B): Hardware upgrade version, can support PoE network port power supply,

Dec 03, 2025

Industrial 4 Ports RS485 to Ethernet Gateway, support

FOUR RS485 TO ETHERNET - Integrate your existing multiple RS485 devices with Ethernet for remote monitoring and control, overcoming distance limitations

May 08, 2026

RS485 to WiFi/Ethernet Module (Modbus/MQTT Gateway)

This RS485 device data acquirer / IoT gateway is designed for an industrial environment. It combines multiple functions in one, including serial server,

Aug 31, 2025

4 port Serial to Ethernet Converter | RS485 Serial to IP

USR-N540-H7-4 is a 4-port Serial to IP Converter. RS485 to Ethernet converter can realize bi-directional transparent transmission between RS485 and network.

May 04, 2026

SenseLive X5050

SenseLive X5050 is an advanced industrial IoT gateway designed to connect IOT devices to the cloud using Ethernet. It supports multiple protocols like Modbus, MQTT, and HTTP to enable seamless

Mar 09, 2026

Rail-Mount Serial Server, RS485 to WIFI/Ethernet

This is a RS485 device data acquirer / IoT gateway designed for industrial environment. It combines multi functions in one, including serial server, Modbus

Jun 03, 2026

ESP-2100 RS485 Modbus RTU to Ethernet TCP/IP

The gateway are designed for easy integration of modbus TCP and RTU networks. With those models, Modbus serial slave devices can be seamlessly incorporated

Apr 26, 2026

RS232 RS485 to RJ45 Ethernet Serial Server, RS232

This is a dual serial ports device data acquirer / IoT gateway designed for the industrial environment, 1-ch RS232 and 1-ch RS485 can work simultaneously

Feb 03, 2026

RS485 I/O module, RS485 I O module

The R-8AI-8DIDO module includes two 10/100 Mbps Ethernet ports supporting ModBUS TCP-IP and RS485 communication with ModBUS RTU protocol.

Feb 05, 2026

Arduino Opta RS485 - Industrial Micro-PLC with RS

Arduino Opta RS485 is a secure, user-friendly micro PLC featuring Industrial IoT

Jun 12, 2026

RS-485 I/O module, RS-485 I O module

Find your rs-485 i/o module easily amongst the 118 products from the leading brands (Advantech, RIELLO, ASCON, ...) on DirectIndustry, the industry specialist for

Jul 28, 2025

4 Ports RS485 to Ethernet Converter, RS485 Ethernet

FOUR RS485 TO ETHERNET - Integrate your existing multiple RS485 devices

Oct 05, 2025

Industrial serial server, RS485 to RJ45 Ethernet, TCP/IP to

It combines multi functions in one, including serial server, Modbus gateway, MQTT gateway, RS485 to JSON, etc. The module features RS485 and Ethernet port (POE function is optional), uses screw

Aug 30, 2025

RS-485 IoT Gateway Solutions | HashStudioz

Discover our RS-485 IoT Gateway, engineered for reliable communication in industrial IoT environments. Our gateway offers outstanding performance, low

Aug 11, 2025

1-port RS485 to Ethernet Converters

1-port RS485 to Ethernet converters USR-TCP232-304 can transmit data transparently between TCP/IP and RS485. RS485 to Ethernet converters USR

Feb 01, 2026

RS232 and RS485 to Ethernet Converter | Modbus

USR-TCP232-410s is Serial to Ethernet Converter which can connect RS-232/485 serial devices to the TCP/IP network. It supports bi-directional communication,

Dec 11, 2025

4 Ports RS485 to Ethernet Converters-PUSR Store

USR-N540-H7-4 is a 4-port RS485 to ethernet Converters. USR IOT's RS485 to ethernet Converters USR-N540 can realize bi-directional transparent transmission between RS485 and network.

Jun 28, 2025

Waveshare RS485 Ethernet Module: The Ideal IoT

Real-World Use Cases Connecting Legacy RS485 Devices to Modern Networks: I successfully integrated older modbus sensors with modern Ethernet networks

Contact Us

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

Website: <https://moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

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

