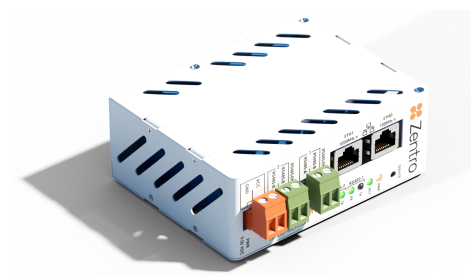


Zentro Link

Communication gateway and logic controller

Zentro Link is a programmable Linux-based communication gateway and logic controller. It provides two galvanically isolated RS-485 lines and two Ethernet interfaces operating as a switch, connecting serial Modbus RTU equipment to the IP network, collecting data and running local control logic. The unit mounts on a 35 mm DIN rail or on a cabinet mounting plate and accepts a wide 9–30 V DC supply.



Part number ZN-LINK-001

HIGHLIGHTS

Total I/O points	0
RS-485 channels	2
Ethernet	1 × 1 Gbit and 1 × 100 Mbit, both ports operating as a switch
Protocols	Modbus RTU over the serial lines; network protocols according to the installed software
Supply voltage	9 – 30 V DC (SELV)
Dimensions (W × H × D)	35 × 94 × 70 mm
Mounting	35 mm DIN rail inside a distribution enclosure, or a cabinet mounting plate (ordered separately)

TYPICAL APPLICATIONS

1. How does Zentro Link differ from a controller?

Link is a communication gateway and logic controller. It has no physical I/O — it connects serial Modbus RTU equipment to the IP network and runs control logic in software.

2. How many serial lines does it have?

Two. The operating system maps them to /dev/ttyS1 and /dev/ttyS2. USB converters based on FTDI, CH34x, PLxxxx and CPxxxx are supported by default.

3. How do I enter service mode?

Press and hold the SERVICE button before applying power, and release it about four seconds after the supply is connected. In service mode the ACT indicator and all TX/RX indicators flash at a 600 ms rate.

PRODUCT FAMILY

Zentro Core M-014	ZN-COREM-001
Zentro Core L-028	ZN-COREL-001
Zentro Link ←	ZN-LINK-001
Zentro Sense	ZN-SENSE-001
Zentro Expand	ZN-EXPAND-001



Full detail and documents on the website — zentro-tech.com · Document number ZT-DS-LINK-001-EN