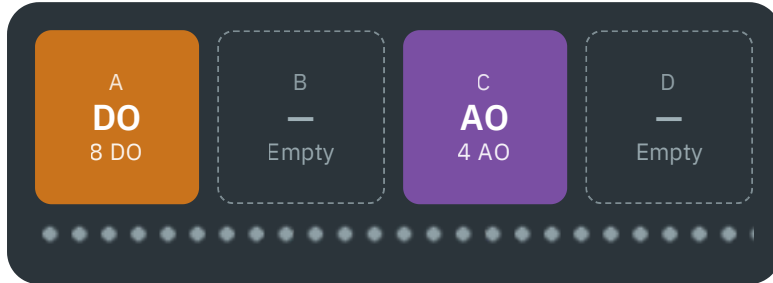


# ION8-2040

Model Sheet · October 2026

Remote I/O unit with 8 digital outputs + 4 analog outputs

## I/O layout



|                  |                  |
|------------------|------------------|
| Model code       | <b>ION8-2040</b> |
| Total channels   | <b>12</b>        |
| Signal terminals | <b>16</b>        |

Slot layout (schematic view)



DO: Digital output · AO: Analog output

## Key capabilities

- 8 digital outputs
- 4 PWM channels with adjustable frequency and duty cycle
- Pulse/direction output
- The PWM channels are part of the module's 8 outputs; they are not additional outputs.
- 4 analog outputs, 0–10 V
- Signal chain set from the same web interface
- Per-unit calibration
- Bluetooth LE 5; adaptive channel selection and adaptive transmit power
- Built-in web interface for monitoring, configuration and commissioning

## Typical use in wire & cable

- Giving drives a 0–10 V speed or setpoint reference
- Digital control outputs and PWM / pulse-direction in the same unit
- Carrying the reference wirelessly to a remote point

## Connecting to a PLC

### Mirroring

Outputs follow the inputs of the paired ION8; no PLC needed.

### PLC through ION8 EB

8 remote stations on one ION8 EB. Siemens S7 PUT/GET, Modbus TCP, EtherNet/IP, OPC UA; RS485 Modbus RTU master / slave.

### ETH2BLE

An existing Ethernet and RS485 line is carried between two ION8 EB units through a wireless tunnel.

## Contact

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