12-12 J1939 I/O ECU

A 12-in / 12-out ECU, pre-configured as a CAN 2.0B J1939 slave.



OVERVIEW

The 12-12 ECU ships pre-configured as a CAN 2.0B J1939 slave, so you can add I/O to any J1939 network straight away. It has analog, digital/pulse and resistive inputs, plus twelve 2 A outputs, four of them PWM-capable. Firmware updates load over a CAN bootloader.

- J1939 slave out of the box
- 12 inputs / 12 outputs
- 4 PWM-capable outputs
- CAN bootloader

SPECIFICATIONS

Supply voltage	8 to 35 VDC
Analog inputs	4 × 0-5 V or 4-20 mA
Digital / pulse inputs	4
Resistive inputs	4
Digital outputs	12 × up to 2 A
PWM outputs	4 (of the 12)
CAN	CAN 2.0B, SAE J1939 (pre-configured slave)
Programming	CAN bootloader
Connector	Molex 500762-0481
Connector kit	ICDT-1212CC (sold separately)

TYPICAL APPLICATIONS

Remote I/O blocks · Lighting and valve control · Sensor concentrators

ORDERING

Part number	ICDT-1212ECU
Order online	https://icdigitech.com/products/12-12-j1939-io-ecu.html

Sales & support	info@icdigitech.com

Images may differ from the delivered product. Specifications are typical values and may change without notice. All trademarks are the property of their respective owners. © 2026 ICDT Pvt. Ltd.