

SMART I/O.

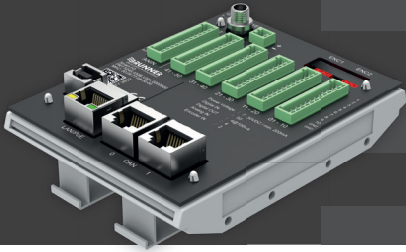
Your choice for easy link of I/O to Ethernet, USB or CAN Interface.

The BRUNNER SMART I/O is a powerful high-speed Ethernet to CAN with I/O gateway that provides easy and flexible access to CAN networks via PC. The two high-speed CAN connectors allow daisy chaining of the device in your CAN network. The application on the host communicates over a standard TCP/IP socket with an ASCII protocol.

Further, our SMART I/O provides a USB to CAN gateway functionality whereas the device shows up as a USB HID game controller, so no driver installation is necessary. The gateway can handle up to 100% CAN-bus load via Ethernet, and is therefore particularly suitable for data-intensive applications.

The SMART I/O offers comprehensive filter and analysis functions for CAN through integrated dual TCP/IP socket server that allows the connection of up to 2 Client Sockets to the same CAN Network. BRUNNER SMART I/O enables fast and easy connection of up to 50 Switches or Buttons, 4 Digital Outputs and 4 Analog Inputs, additionally 2 Rotary encoders are also supported.

All I/O are acceptable over CAN or visible over the USB game controller interface ready for an easy mapping in any configuration. The easy configuration utilizes the web interface or our CANopen Commander Software. SMART I/O has a robust industrial design and snap-on mounting possibility on various top hat DIN rails, which allows fast mounting and connection.



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Features.

- Ethernet 10/100 Mbit/s, with auto crossover detection
- CAN 2.0 A/B, ISO 11898, galvanically decoupled
- USB 1.1 & 2.0
- Web Server for configuration and monitoring
- 50 digital inputs (Open Drain)
- 4 digital outputs
- 4 analog inputs
- 2 incremental encoders
- Comprehensive filter and analysis functions for CAN
- Low power consumption
- Power over Ethernet (PoE), USB or by external Power Supply
- Swiss Made
- 2 Years Warranty

Specification.

Input Voltage	Power over PoE, USB (USB-2 Type-B) or external power supply 7-30 VDC (Power Jack 5 / 2.1 mm)
Communication	(LAN) Ethernet 10/100 Mbit/s (RJ45) (CAN) 2x CAN 2.0A/B, ISO 11898 (RJ45) (USB) USB 1.1 & 2.0 (USB-2 Type-B)
Mounting	Top DIN rail snap-on mounting 35 mm x 15 mm (EN 50022)
Size	117 x 92.5 x 46.7 mm 4.6 x 3.64 x 1.84 in
Weight	150 g / 0.33 lb

Dimensions.

