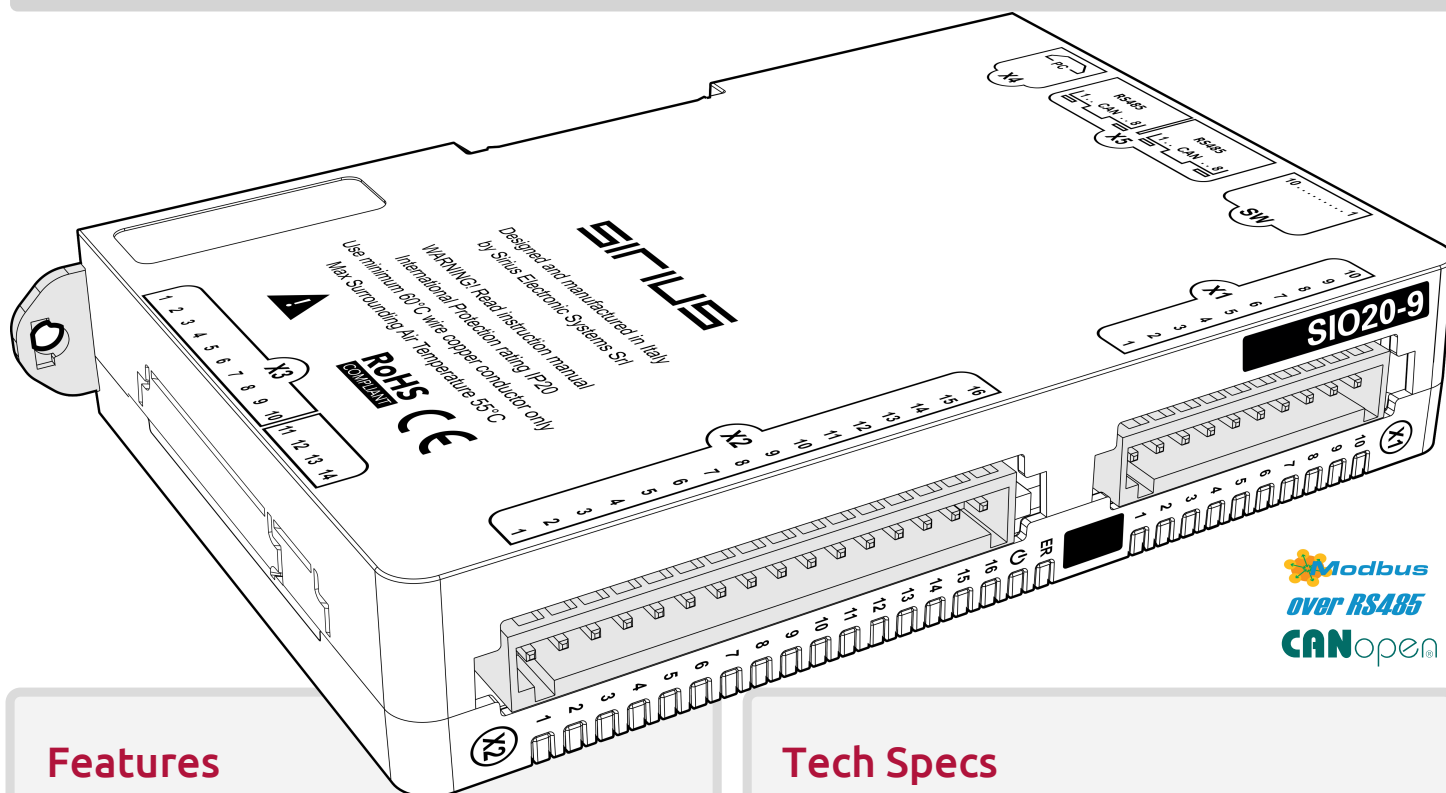




## Features

Industrial grade digital and analog I/O board powered at 24Vdc

8 configurable digital I/Os

8 High speed digital inputs capable of reading up to 4 encoders or 3 encoders and 2 latch input

8 High speed digital outputs capable of PWM

Communicates with any industrial computer board or PLC via CANopen or RS485 via two RJ45 pass-through ports to allow concatenation using standard UTP ethernet patches

Output equipped with short-circuit protection, input with over-voltage protection

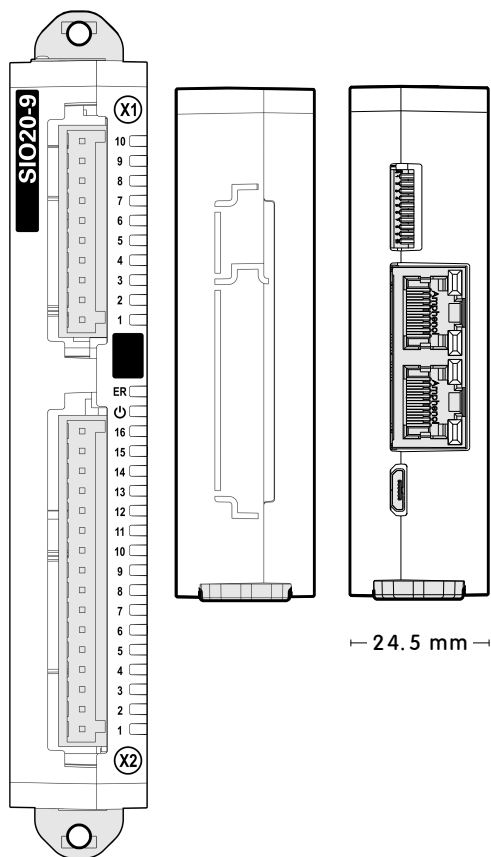
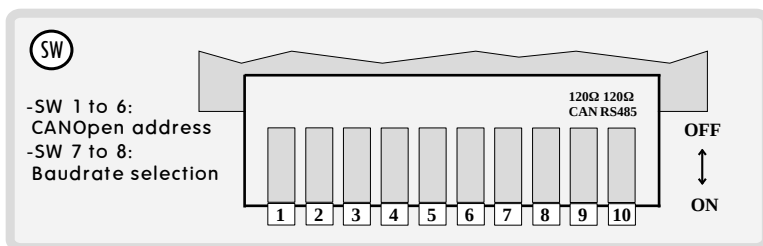
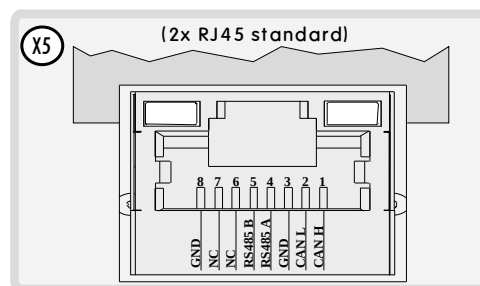
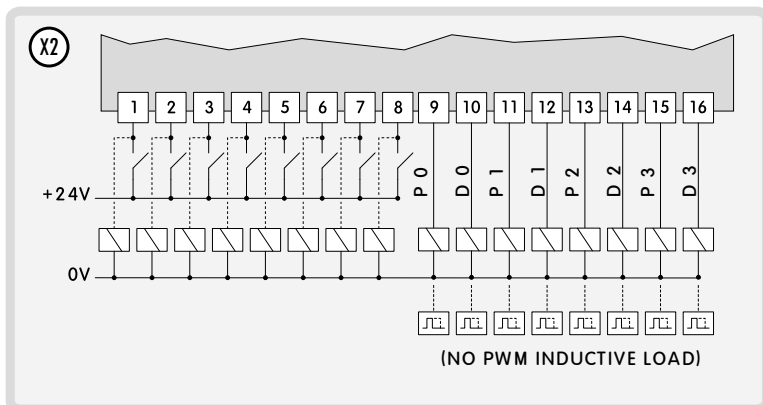
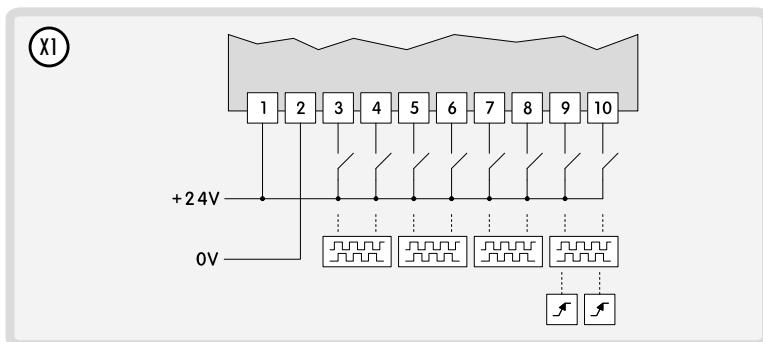
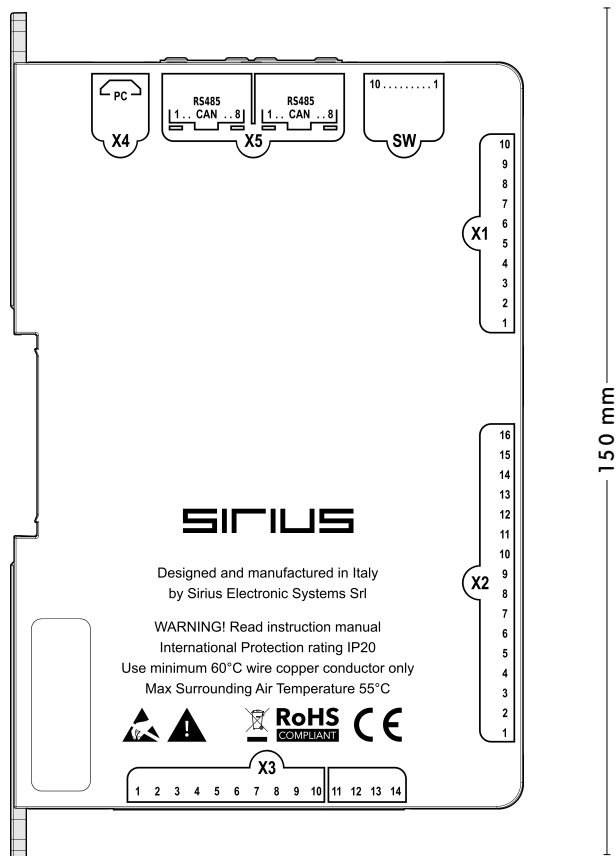
Operates as a stand-alone device or communicate via advanced networking as part of real-time system

Operates as I/O device under the DSP-401 protocol of the CANopen DS-301 application layer

## Tech Specs

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Logic input Power         | 24Vdc $\pm$ 20%                                                                    |
| RS485 Ports               | Up to 2 (passthrough) optocoupled                                                  |
| CAN Ports                 | Up to 2 (passthrough) optocoupled                                                  |
| USB Ports                 | 1 USB 2.0 type B for configuration and Virtual COM                                 |
| Digital Input             | Up to 8 @ 24V 2,5mA (4.7us RC)                                                     |
| High Speed Digital Input  | Up to 8 (3.3us RC)                                                                 |
| Encoder Input             | Up to 4 encoders input (3 encoders and 2 latch)                                    |
| Digital Output            | Up to 8 @ 24V 700mA PNP, protected                                                 |
| High Speed Digital Output | Up to 8 @ 24V 200mA, Push-Pull, protected, with PWM capability (no inductive load) |
| Reverse polarity          | Logic circuit, diode                                                               |
| Storage C°                | -40 to +85 °C                                                                      |
| Operating C°              | 0 to +55 °C                                                                        |
| Humidity                  | 0 to 95%, non condensing                                                           |
| Size (L x H x W)          | 150 x 91 x 24.5 mm                                                                 |
| Weight                    | 150 g                                                                              |
| Mounting                  | M3 screws or TS 35 DIN rail                                                        |

## SIO20-9 "Header Digital I/O with PWM, Device CAN/RS485"



All names, brands, logos and symbols used in this document are registered trademarks of their respective owners