

RSC-2100-B/V2 Interface Converter



The interface converter RSC-2100-B is a reliable industrial-grade controller independently developed by our company. It can be used for the control and conversion of interface signals such as serial port, network port, and switch value, and realize the communication between different signal interfaces, such as RS485 signal switch to network signal. RS485 signal to switch output I/O signal, switch input I/O signal to RS485, or network signal.

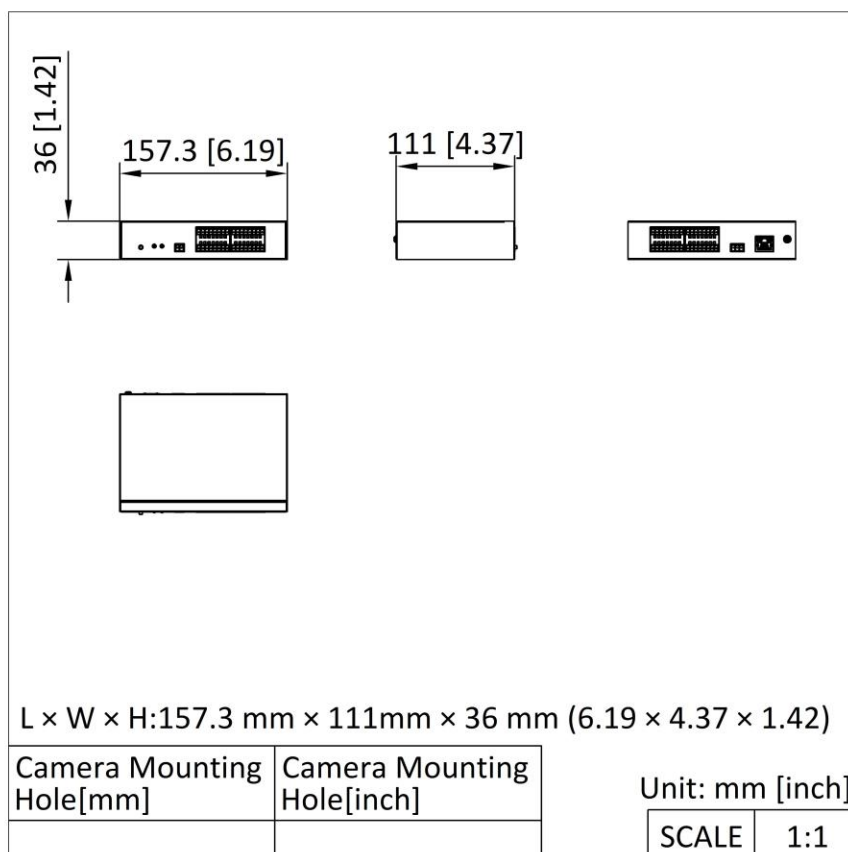
It has a very wide range of application value in various civil and industrial occasions. It has the characteristics of anti-strong electric interference, lightning protection, stability and reliability, and can be applied to various industrial and civil occasions with harsh environments.

- Support 16 switching value input and 16 switching value output.
- Enable bidirectional conversion between I/O signals and both RS485 serial communication protocols and Ethernet-based network protocols.
- Integrating traffic flow detection cameras allows traffic data to be relayed to third-party signal controllers in real time
- Utilizing solid-state relays effectively enhances operational longevity

▪ Specification

Interface	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port(s)
Alarm	16 input(s),16 output(s)
RS-485	1 RS-485
Reset Key	Supported
General	
Material	SECC
Power	DC 9 V to 12 V, 0.4 A, max. 5 W, two-core terminal block
Package Dimension	244 mm × 175 mm × 110 mm (9.61" × 6.89" × 4.33") (L × W × H)
Dimension	157.3 mm × 111 mm × 36 mm (6.19" × 4.37" × 1.42") (L × W × H)
Weight	Approx. 0.5 kg (1.1 lb.)
With Package Weight	Approx. 0.9 kg (1.98 lb.)
Storage Condition	-20 °C to 70 °C (-4 °F to 158 °F). Humidity 95% or less (non-condensing)
Operating Condition	-20 °C to 70 °C (-4 °F to 158 °F). Humidity 95% or less (non-condensing)
Approval	
EMC	CE-EMC: EN 55032: 2015+A11:2020+A1:2020 EN 61000-3-3: 2013+ A1:2019+A2:2021 EN IEC 61000-3-2: 2019+A1:2021 EN 50130-4: 2011 +A1:2014
Safety	CB: IEC 62368-1: 2014,CB: IEC 62368-1: 2018,CE-LVD: EN 62368-1: 2014+A11: 2017,CE-LVD: EN IEC 62368-1: 2020 +A11:2020
Environment	CE-RoHS: 2011/65/EU,WEEE: 2012/19/EU,Reach: Regulation (EC) No 1907/2006

▪ Dimension



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