



Product ID: IoTConnector
Category: IoT Controller

IoT Node Controller of I/O and different kinds of data communication interfaces by MQTT or HTTP.

TECHNICAL SPECIFICATIONS

CPU	Quadcore Microprocessor CPU ARM 64bits@1.4GHz, 1GB RAM and up to 32GB Flash
Memory	Memory for the system and data storage with a MicroSD card
Real time clock	External with backup supply battery
ADC	ADC 16 bits multiplexed to the 4 I/O
Watchdog timer (WDT)	Internal Watchdog
Firmware Updates	Pending development
LED indicators	3 status LEDs (System supply, communications and system active)
Communication protocols	MQTT

I/O AND COMMUNICATIONS PORTS

I/O	Configurable I/O by software such as: Digital outputs, digital inputs, analog Inputs (for supply or current) and analog outputs(0-10V) Analog input range configurable by software such as: 0-10V, 0-20mA and 4-20mA
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Communications ports	1 x RS-232/RS-485 (shared port with BLE) 1 CAN Bus 2.0B 4 USB 2.0 1 Ethernet 10/100/1000Mbps 1 Wi-Fi 5 + Bluetooth 4.2, BLE
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Analog inputs calibration

All analog input can be calibrated by D-Bus commands

I/O protections

The I/O are protected against incorrect wiring by the configuration of the I/O with the following restrictions:
Max. voltage I/O: Supply voltage (12V)
Max. Output current: 100mA

SUPPLY CIRCUIT

Supply voltage 12 VDC

Maximum consumption <2,5W

ENVIRONMENTAL CONDITIONS

Working temperature 0° ~ 85°C

Humidity 5% ~ 95% (without condensation)

INFORMATION ABOUT ORDERS

Minimum order 1

Order reference IoTConnector

Accessories Desk case,
DIN Rail case

CONSTRUCTION FEATURES

Dimensions 90x58x70mm (W/H/D)

Box material Plastic

Installation type DIN Rail

Degree of protection IP20

Weight 147g

CERTIFICATES AND DECLARATIONS

Rules EN 61000-6-2:2019
EN 61000-6-3:2007 + A1:2011



This product is compatible with RoHS (2011/65/UE)