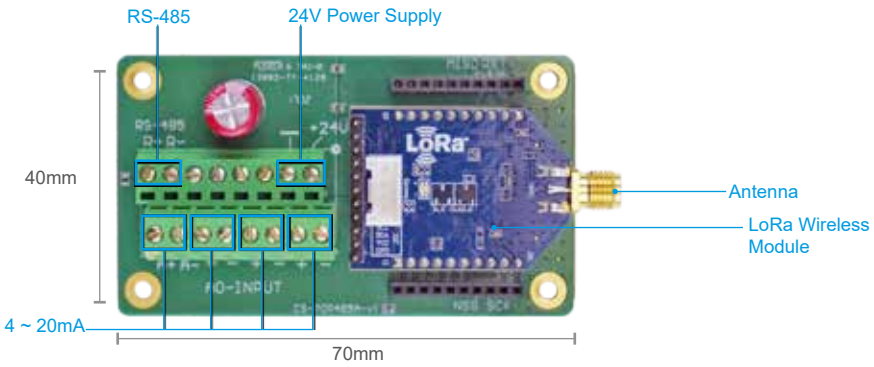
LS-1

IoT module for transfering industrial control signal into LoRa



LS-1 is designed for connecting conventioal industrial control and IoT area. This module can transfer RS-485 and 4-20mA signal into LoRa. In this way, user can easily collect data without huge human resource. For some old buildings, it also saves lots construction charge for deployment of wires. Further more, our cloud platform can produce stats and figures which helps user to manage their field.

FEATURES

- LoRa wireless communication
- Supports digital input: RS-485
- Supports analog input: 4~20 mA x 4 ports
- Cloud data back up and statistics report
- Alarm provision

GENERAL

Processor	ARM Cortex®-M4
Power Input	24V

EXTERNAL I/O

Terminal Block	RS-485 x 1
Terminal Block	4-20mA x 4

Mechanical & Environment

Dimension	70mm(L) x 40mm(W)
Operation Temperature	-20°C~70°C
Storage Temperature	-40°C~85°C
Storage Humidity	5 ~ 95% (Non-condensing)

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