



ATRS0012 is an IoT Sensor LoRa modular and scalable combining several measurement acquisition and control functionalities. Thanks to its slots for one or 2 additional boards, the ATRS0012 sensor combines many functionalities: modbus, mbus, PT100 temperature measurement, optical sensor measurement, voltage measurement, current measurement, etc. ATRS0012 combines up to 2 different measurement functions and composes the sensor perfectly adapted to your needs. It has several modes of communication, in fact you can choose from two long-range communication modes: LoRa® or GPRS. In GPRS mode, ATRS0012 sensor becomes a LoRa® gateway and centralizes the data from your other SICE sensors to transfer them to a server. ATRS0012 is delivered with software for PC & Mac offering you an intuitive configuration interface that can be connected via USB port.

Features

Emplacements

2 slots available for additional SICE boards

Communication

LoRa wireless or GRPS

LoRa Antenna & GPRS

Integrated or external option

Power supply

5VDC to 12VDC external or with external 3.6vdc 19Ah battery pack available depending on the boards

GPRS Gateway

Supports 20 SICE sensors

Mounts

Optional: Magnet / DIN rail/ Wall mount / Double sided tape.
(Waterproof box option available)

Dimensions

142 x 77 x 36 mm (H x L x P)

Operating temperature

From 0°C to + 50°C