

## WIRELESS RTU DATA COMMUNICATION

### Model: iSola\_101

iSola is a wireless RTU data communication module using 2G/GPRS to transfer data from industrial instruments such as: temperature, humidity, pressure, level, pH, chlorine, turbidity, conductivity ... go to cloud server. We can do monitoring online 24/7 via Web/App on Windows/Android/iOS/Linux...Alarm via Email/Slack... It is widely used in many industries such as: thermal power plant, pharmaceutical, semi-conductor, Food & Beverage drinking water, water purification, industrial pure water, swimming pool ...



### Features

Wireless data communication (GSM - Global System for Mobile Communications): using 2G/GPRS can supports technology with quad-band 850/900/1800/1900MHz, transmit SMS and data information with low power consumption or Wifi 2.4 GHz supports WPA / WPA2 security mode, Connectivity 802.11 b/ g/ n

Power supply: 9 - 36 VDC

SMS Alarm: up to 12 numbers

Interface communication: Modbus RTU RS485

I/O module:

- 8x 4-20mA input (option)
- 8x digital input, 4x relay output (option)
- GPS (option)
- Lora (option)

**Battery capacity:** 3200 mAh Li-ion (Option)

**Operation temperature:** - 40 to 65 °C

**Waterproof and dust-proof:** IP65 with Aluminium housing; or IP67 with ABS plastic housing

**Dimension:** Aluminium housing (W88 x L38 x H110 mm); ABS plastic housing (W130 x L80 x H80 mm)

**Completed system ready to use**

