

# NG\_RTU

We created an industrial embedded gateway for alarm management, data logging, and internet-based access. NG\_RTU is a single-box solution that gives remote access to serial devices over internet. NG\_RTU can be used as a small RTU in secondary substations, renewable power sources, and other places with need to collect and deliver data from various field equipment to SCADA or Cloud Industries.

## NG\_RTU application:

- | IoT Based Applications
- | Smart Farms
- | Smart cities
- | Smart Home
- | Smart manufacturing
- | Monitoring Systems
- | Control Systems
- | Power Grid
- | Renewable energy monitoring



## Feature:

- | RS485
- | Digital input
- | I2C
- | WIFI, Bluetooth, 2G/3G/4G(LTE)/NB-IoT integrated communication
- | SIM card modem
- | PLC logic
- | Internal memory: SD card
- | Hardware Watchdog
- | Alarm management
- | Cyber security according to industry standards
- | Widows-based configuration

NG\_RTUs are best solutions for industrial automation. NG\_RTUs communicates with the control center through an integrated 2G/3G/4G(LTE)/NB-IoT modem. Bluetooth and WIFI interfaces for easier configuration and access are also available.

## Supported protocols:

- | MQTT
- | Modbus (master / slave)

## Our Products:

### Aria NB4I4O:

- | 4 digital inputs
- | 4 digital Outputs
- | 2 analog inputs
- | Isolated inputs
- | Configuration through USB/Bluetooth
- | Modbus over RS485
- | LED indication
- | DIN rail mount
- | WIFI, Bluetooth, 2G/3G/4G(LTE)
- | /NB-IoT integrated communication
- | STH30 humidity and temperature sensor
- | Temperature measurement of 0.2°C accuracy
- | Temperature sensing range: from -40 to 125 °C
- | Humidity measurement of 2% accuracy
- | Humidity sensing range: from 0 to 100 °C
- | Call capability (mic and Speaker support)

### Aria 2G4I4O:

- | 4 digital inputs
- | 4 digital Outputs
- | 2 analog inputs
- | Isolated inputs
- | Configuration through USB/ Bluetooth
- | Modbus over RS485
- | LED indication
- | DIN rail mount
- | WIFI, Bluetooth, 2G integrated communication
- | STH30 humidity and temperature sensor
- | Temperature measurement of 0.2°C accuracy
- | Temperature sensing range: from -40 to 125 °C
- | Humidity measurement of 2% accuracy
- | Humidity sensing range: from 0 to 100 °C
- | Call capability (mic and Speaker support)

### Aria 2G8I4O:

- | 8 digital inputs
- | 4 digital Outputs
- | Isolated inputs
- | Configuration through USB
- | LED indication
- | 2G integrated communication
- | Configuration through USB
- | LED indication
- | DIN rack mount
- | Call capability (mic and Speaker support)



- **ARIA** is simple to install and use for distribution network.
- **ARIA** is an energy efficient device providing long-term operation - up to 5 years.
- **ARIA** is an ideal solution for controlling electronic devices.
- Operating temperature ranges from -40 to +85 °C , enabling **ARIA** to work in roughest weather conditions
- One of the highest cyber security levels in the market
- Integrated communications: 2G/3G/4G(LTE)/NB-IoT, WIFI, Bluetooth or LAN interfaces on-board, with SIM modems for highest reliability
- Long product life-cycle and high investment security

NG is a company focused on SCADA control and monitoring technologies.  
We specialize in industrial automation, as well as innovative project development.

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