

4G IIoT RTU IOG400-0T301



KEY FEATURES

- ✓ 1 * 4G (1*SIM)
- ✓ 1 * RJ-45 FE
- ✓ 1 * RS232/485 TB
- ✓ 3 * DI , 2 * DO
- ✓ DC 9-36V in

INTRODUCTION

The IOG400 is 4G module-based remote terminal unit (RTU) for IIoT telemetry connectivity in one device. With its serial interface and DI/O connections, it supports a variety of legacy serial devices and sensors to transmit data to the remote server. It works in different deployments and meets the requirement for multi-device IIoT telemetry use scenarios.

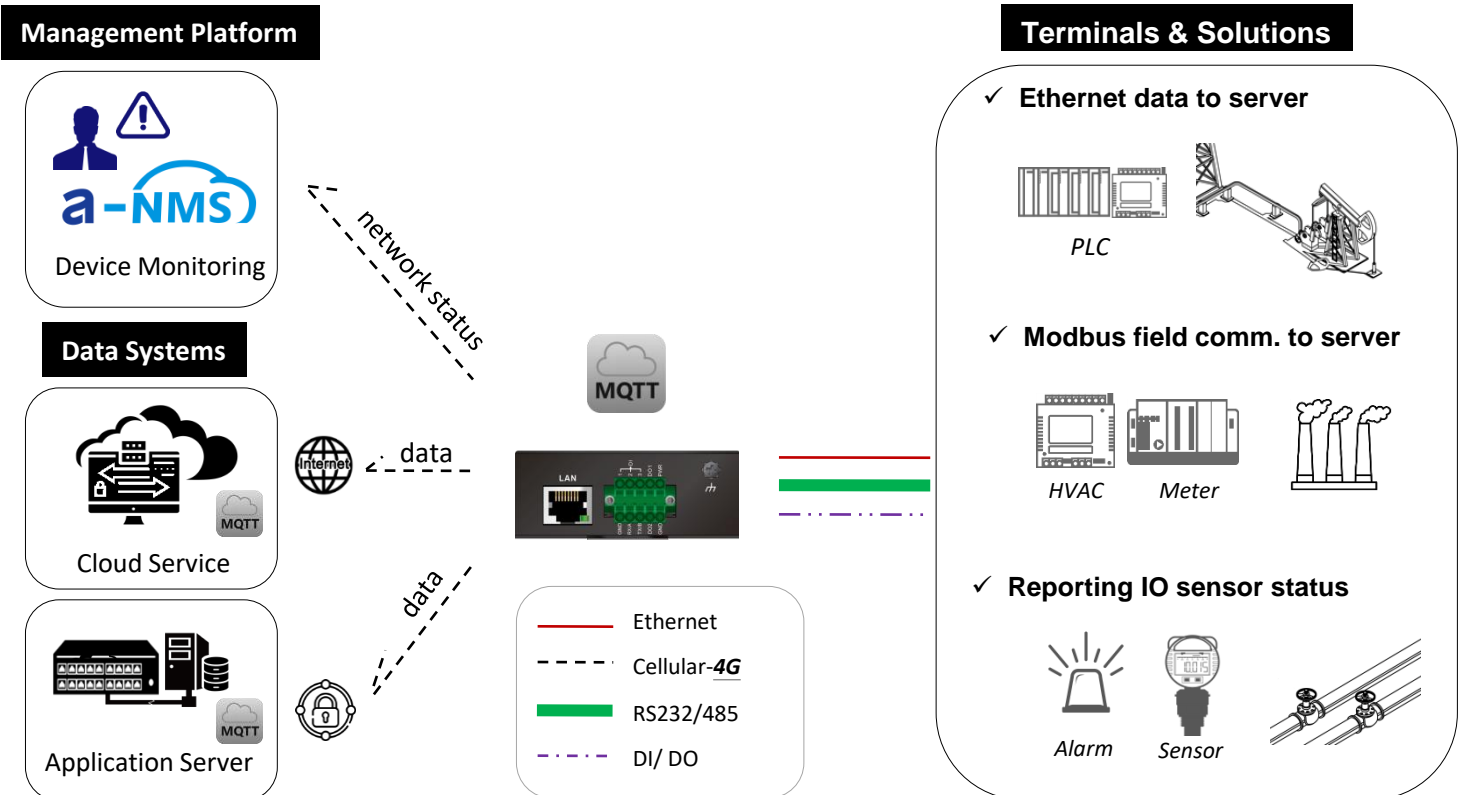
BENEFITS

1. RS232/485 interface for serial data transmission
2. Ethernet port for IP-based device connection
3. Designed Multiple DI/O for sensor data transmission
4. DIN-Rail for easy deployment
5. Wide power input range and wide working temperature to meet site environments
6. Support AMIT device management platform- a-NMS

APPLICATION

- Oil & Gas Facility
- Elevator
- Port Machinery
- Environmental Monitoring
- Factory Automation

DIAGRAM



SPECIFICATION

Device Interface

- **Cellular Module:** 1*4G, Cat.4
- **SIM:** 1*Nano-SIM (4FF)
- **Ethernet:** 1*RJ45 FE
- **Field Bus :** 1*RS-232/485 (Terminal Block)
- **DIDO :** 3*DI (“Logic 0”: 0~2V, “Logic 1”: 5V~30V), 2*DO (Open Collector, Max. 30V)
- **Power Input:** 1* 9-36V TB, Power Consumption: max. 4W
- **Antenna Con.:** 2*SMA(F)-4G

WAN & Uplink

- **WAN:** Cellular & Config, NAT / Bridge Mode
- **Cellular:** 3GPP,4G, IPv4/6
- **Network Monitor:** ICMP Checking

Protocol

- **LAN & VLAN:** DHCP Server
- **IPv6:** Cellular IPv6
- **Port Forward:** Virtual Server
- **Routing:** Static Routing , Routing information

Security

- **VPN Tunnel:** OpenVPN
- **VPN Usage:** Site/Client
- **Access Control:** Packet Filter, MAC Filter, IPS

Field Comm.

- **Virtual COM:** TCP Client, TCP Server, UDP
- **Modbus:** Modbus TCP/RTU/ASCII
- **Data to Server:** MQTT, Restful, UDP

Status

- **Cellular Mobile:** Signal Quality, IMEI/MEID, Usage Band

Administration

- **Configuration:** Web UI ,CLI, a-NMS
- **System:** Upgrade, Reboot & Reset
- **Scheduling:** System Reboot

Environment

- **OP/Storage Temp.:** -30°C ~ 70°C; -40°C ~ 85°C
- **Humidity:** 10%~95% (non-condensing)
- **Enclosure:** Metal
- **Dimension:** 78*70*29mm

Package Contents

- 1*Device
- 2*LTE Antennas
- 1*RJ45 Cable
- 1*Terminal Block (10-pin for DC Power & DI/DO & Serial)

Optional Accessories

- Power Adapter
- DIN-Rail Kit
- Wall-Mount Kit

ORDERING INFORMATION

yy	Skew	Module Certification
E0	EU	Ready
U0	US	Ready
J0	Japan	Ready
T0	Taiwan	Ready
A0	Australia	Ready

Comment

- Specifications are subject to change without prior notice.
- *: Under development/in progress.

MECHANIC DRAWING

•Front View



•Back View



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