

4G PoE Multi-Connect Modem IDG470-WT0A1



KEY FEATURES

- ✓ 1 * 4G (1*SIM)
- ✓ 4 * RJ-45 FE
- ✓ WiFi 5
- ✓ DC 50-57V in
- ✓ PoE-PSE 802.3at

INTRODUCTION

The IDG470 is a 4G PoE Multi-Connect Modem that includes 4G-LTE cellular capability for wireless uplink / downlink and Ethernet ports with PoE-PSE function. It also includes WiFi function to provide wireless connectivity to IoT terminals.

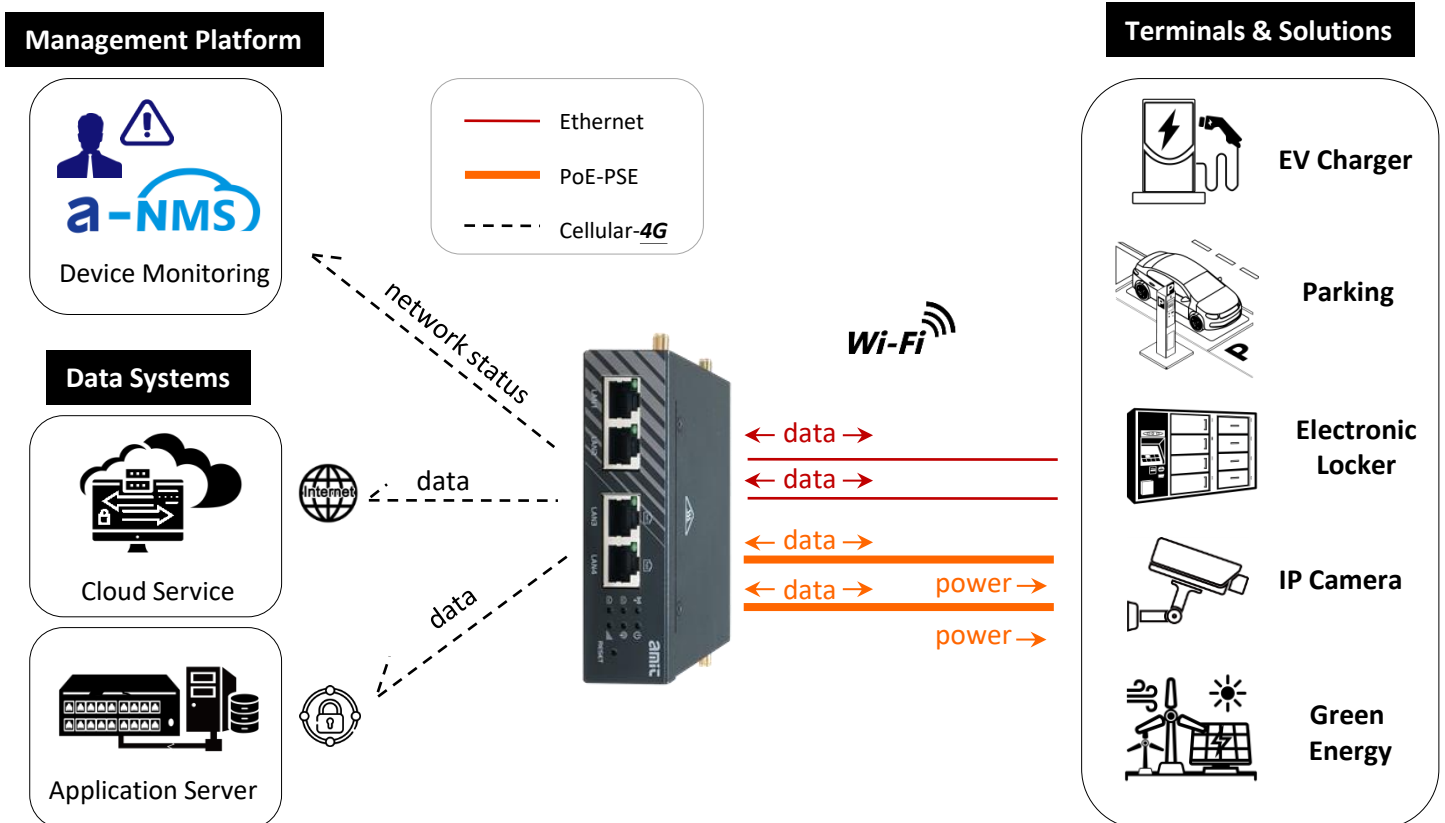
BENEFITS

1. Eliminating the need for a dedicated CPU not only save component cost but also enhance space efficiency.
2. Easy to deploy power and data links for PDs in one cable.
3. The detecting function shares monitoring tasks for managers.
4. Reduce the likelihood of sudden system crashes in PDs through scheduling rules.
5. Supports the AMIT device management platform – A-NMS.

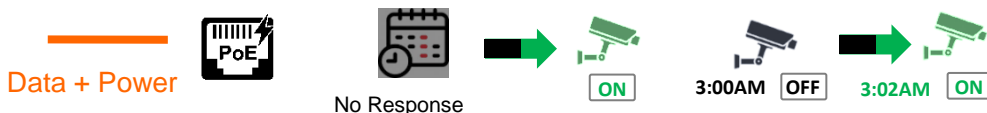
APPLICATION

- IP surveillance
- Access point
- RJ45 port for PD device
- Remote operation
- Industrial PC

DIAGRAM



- ✓ Data & Power in one cable
- ✓ Terminal Alive Checking
- ✓ Terminal Reboot Scheduling



SPECIFICATION

Device Interface

- **Cellular Module:** 1*4G, Cat.4
- **SIM:** 1*Nano-SIM (4FF)
- **Ethernet:** 2*RJ45 FE+ 2*RJ45 FE with 802.3at PSE
- **WiFi:** 1*1x1 802.11 ac
- **Power Input:** 2-pin TB for DC 50V-57V Power
- **Power Consumption:** max. 5W (wo PoE-PSE)
- **Antenna Con.:** 2*SMA (F)-4G

Wireless

- **Standard:** 802.11 Industry Compliance
- **Mode:** AP Router

WAN & Uplink

- **WAN:** Cellular & Config, NAT / Bridge Mode
- **Cellular:** 4G
- **Network Monitoring:** ICMP Checking

Protocol

- **LAN & VLAN:** DHCP Server
- **Port Forwarding:** Virtual Server
- **Routing:** Static Routing, Routing Information
- **PoE:** Power Control, ON/OFF by Network Checking, Scheduled ON/OFF

Security

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

Status

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

Administration

- **Configuration:** Web UI, CLI, SSH, Command Script
- **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:** 115x99x31mm

Package Contents

- 1*Device
- 2*LTE Antennas
- 1*WiFi Antenna
- 1*RJ-45 Cable
- 1*Terminal Block (2-pin for DC power Supply)

Optional Accessories

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

CERTIFICATION

yy	Skew	Module Certification
E0	EU	Ready
U0	US	Ready
JO	Japan	Ready
TO	Taiwan	Ready

Comment

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

MECHANIC DRAWING

•Front View



•Side View



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