

# 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.

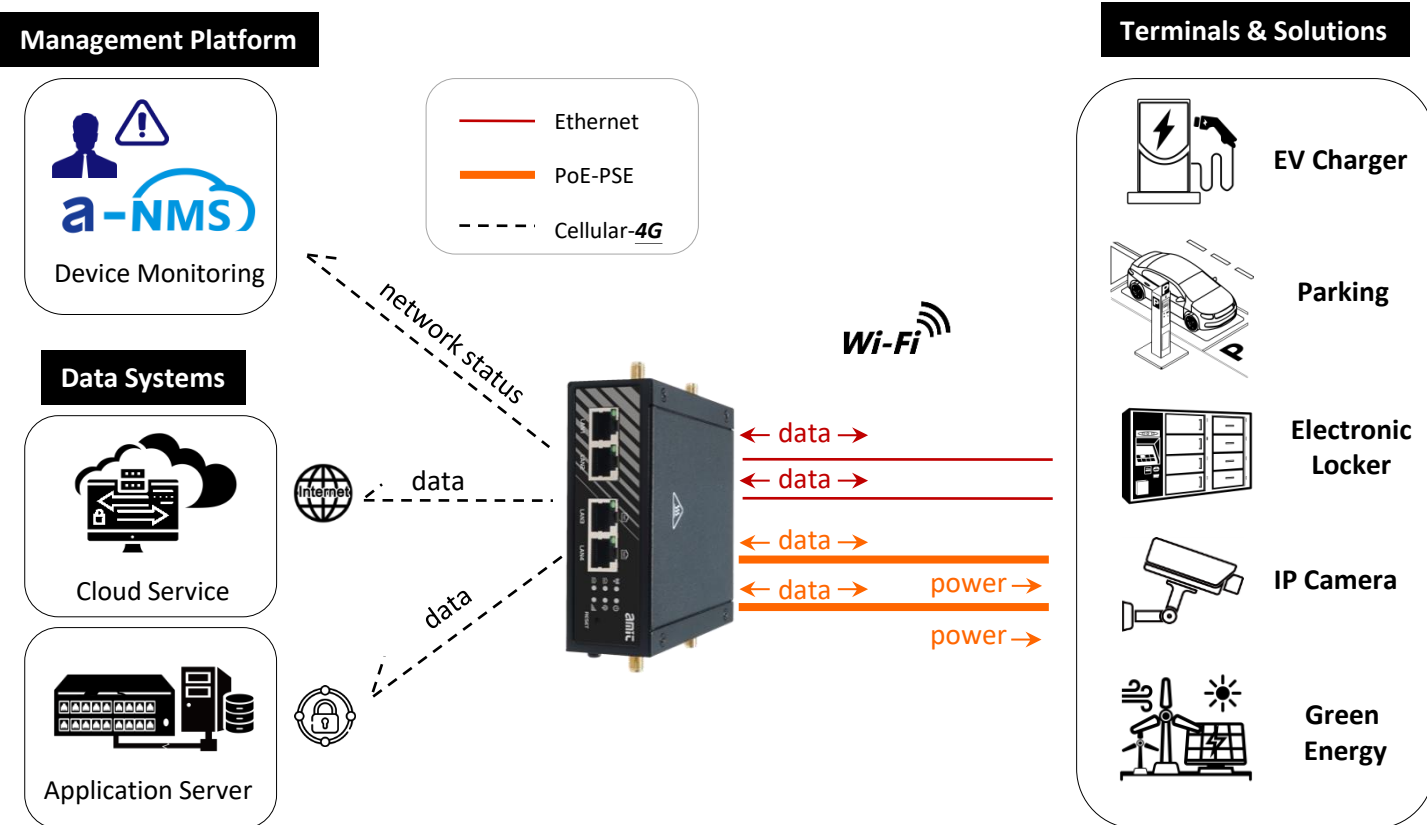
## BENEFITS

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.

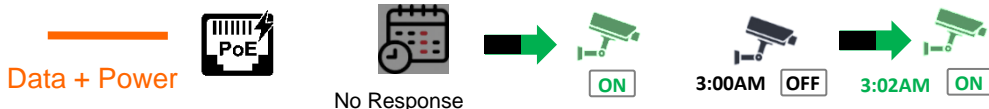
## APPLICATION

- 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, Bracket
- **Dimension:** 115x99x31mm

### Standard Accessory

- 1\*Device
- 2\*Cellular Antenna
- 1\*WiFi Antenna
- 1\*RJ-45 Cable

### Optional Accessory

- Power adapter
- Wall-Mount kit
- DIN-Rail kit

## CERTIFICATION

| yy | Skew   | Module Certification |
|----|--------|----------------------|
| E0 | EU     | Ready                |
| U0 | US     | Ready                |
| J0 | Japan  | Ready                |
| T0 | Taiwan | Ready                |

### Comment

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

## MECHANIC DRAWING

### •Front View



### •Side View



### AMIT Wireless Inc.

TEL: +886 (0)6 505 8026 FAX: +886 (0)6 505 8068

Web: <http://www.amitwireless.com> Email: [sales@amit.com.tw](mailto:sales@amit.com.tw)

No. 28, Lane 31, Huandong Rd., Sec. 1, Xinshi Dist., Tainan City 74146, Taiwan (R.O.C.)