

4G PoE Multi-Connect Modem IDG470-WT001



KEY FEATURES

- ✓ 1 * 4G (1*SIM)
- ✓ 4 * RJ-45 FE
- ✓ DC 48-57V 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.

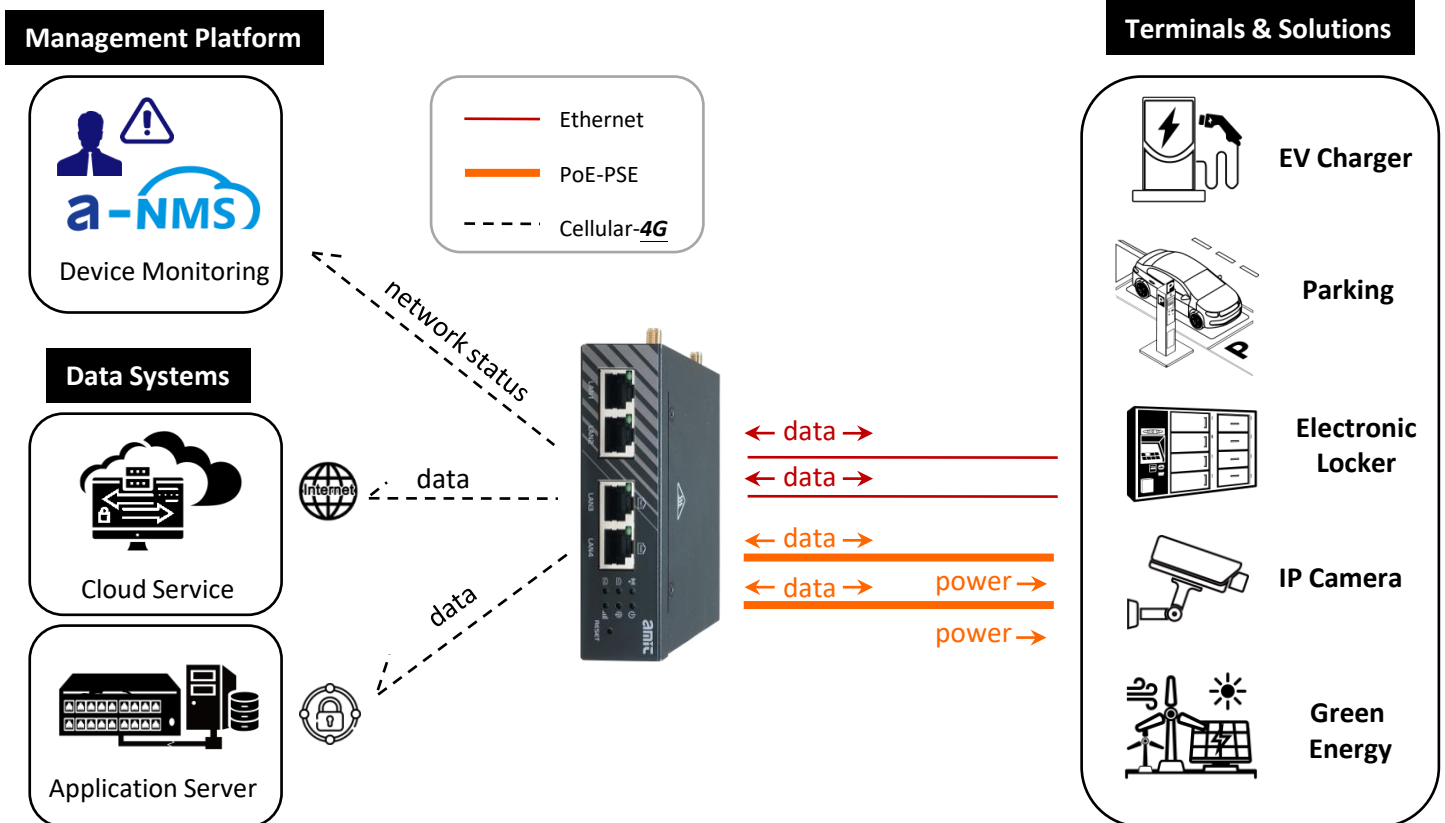
BENEFITS

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
- **Power Input:** 2-pin TB for DC 48-57V Power
* 50~57V input is recommended for IEEE 802.3at PoE+
- **Power Consumption:** max. 5W (wo PoE-PSE)
PoE Power Budget (max.): 60W/48-57V DC Input
- **Antenna Con.:** 2*SMA (F)-4G

WAN & Uplink

- **WAN:** Cellular & Config
- **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

CERTIFICATION

yy	Skew	Module Certification
EO	EU	Ready
UO	US	Ready
JO	Japan	Ready
TO	Taiwan	Ready

Comment

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

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*RJ-45 Cable
- 1*Terminal Block (2-pin for DC power Supply)

Optional Accessories

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

MECHANIC DRAWING

•Front View



•Side View



AMIT Wireless Inc.

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

Web: <https://www.amitwireless.com> Email: sales@amit.com.tw

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