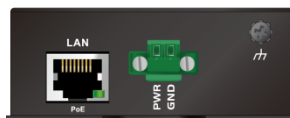


4G PoE Modem

IDG400-WT001



KEY FEATURES

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

INTRODUCTION

The IDG400 is a 4G PoE Modem which includes 4G-LTE cellular capability for wireless uplink / downlink and Ethernet port with PoE-PSE function to extend data easily in various environments.

BENEFITS

- 1.Easy to deploy power and data links for PDs in one cable.
- 2.The detecting function shares monitoring tasks for managers.
- 3.Reduce the likelihood of sudden system crashes in PDs through scheduling rules.
- 4.CPU and cellular module are integrated in a compact size for cost-effectiveness.
- 5.Supports the AMIT device management platform – A-NMS.

APPLICATION

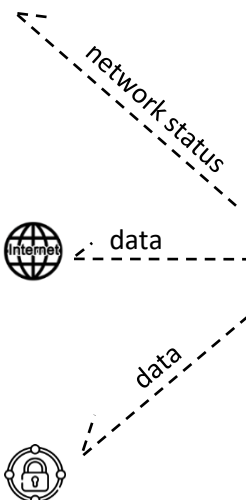
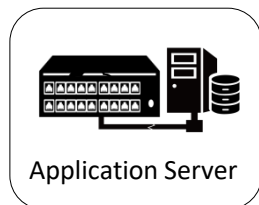
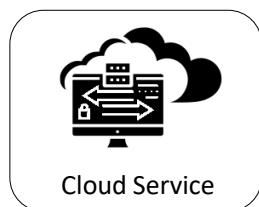
- IP surveillance
- Access point
- RJ45 port for PD device
- 4K/8K video transmission
- Remote operation
- Industrial PC

DIAGRAM

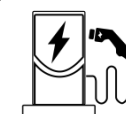
Management Platform



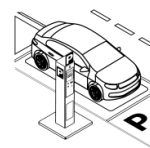
Data Systems



Terminals & Solutions



EV Charger



Parking



Electronic Locker

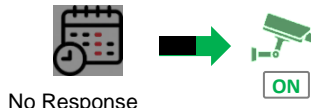


IP Camera



Green Energy

- ✓ 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:** 1*RJ45 FE with 802.3at PSE
- **Power Input:** 2-pin TB for DC 50V-57V Power
- **Power consumption:** max. 5W (wo PoE-PSE)
- **Antenna Con.:** 2*SMA (F)-4G

WAN & Uplink

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

Protocol

- **LAN & VLAN:** DHCP Server
- **IPv6:** Cellular IPv6
- **Port Forward:** 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/Client
- **Access Control:** Packet Filter, MAC Filter, IPS

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, Bracket
- **Dimension:** 77.4x68.6x26mm

Standard Accessory

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

Optional Accessory

- Power Adapter
- Wall-Mount kit
- DIN-Rail kit

Comment

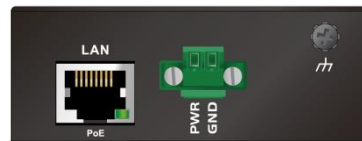
- Specifications are subject to change without prior notice.
- *: Under development/in progress.

CERTIFICATION

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

MECHANIC DRAWING

•Front View



•Back View



AMIT Wireless Inc.

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

Web: <http://www.amitwireless.com> Email: sales@amt.com.tw

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