

5G Ethernet Modem IDG450-0GDOC



KEY FEATURES

- ✓ 1* 5G/LTE (1*SIM)
- ✓ 1 * RJ-45 2.5GbE
- ✓ 5-24V in (OVP to 32V)

APPLICATION

- 4K/8K video transmission
- Remote operation
- Industrial PC
- RJ45 port attachment devices

INTRODUCTION

The IDG450 is a 5G Ethernet modem which includes 5G-NR and LTE dual-mode cellular capability for Wireless uplink / downlink and a 2.5 Gigabit Ethernet port to connect the local device.

Product Summary as follows:

- 1.Low Power Consumption and High Reliability
- 2.Wide Power Input Range for easy deployment
- 3.Small Metal Size and support Mounting Kits

High Speed Transmission

- 5G-NR
- Giga speed for upload and download

Popular Interface

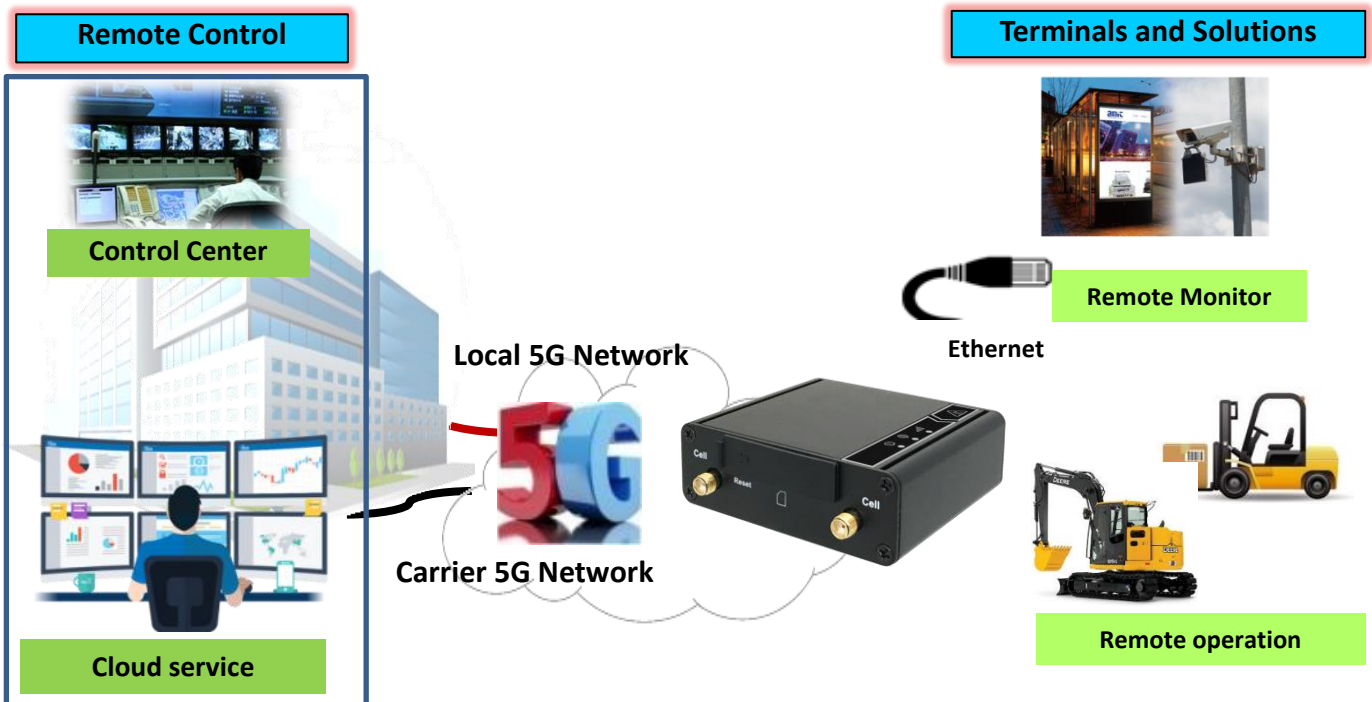
- DC-Jack Power in
- 2.5GbE RJ-45 Port

Easy Installation

- Mounting Kit
- Power Range 5-24V(Protect to 32V)

Cellular Connection

- Ethernet Plug & Play
- Easy Web GUI



SPECIFICATION

Device Interface

- **LTE Module:** 1*5G/LTE, 3GPP Rel. 16
- **SIM:** 1*Micro-SIM (3FF)
- **Ethernet :**1*RJ45 2.5GbE
- **Power Input :** DC-Jack
Typical supply voltage: 5V-24V ; OVP to 32V
- **Antenna Con.:** 4*SMA (F)-5G/LTE

WAN & Uplink

- **WAN:** Cellular & Config, NAT / Bridge Mode
- **Cellular:** 5G/LTE, IPv4/6
- **Network Monitor:** ICMP Checking

Protocol

- **LAN & VLAN:** DHCP Server
- **IPv6:** Cellular IPv6
- **Port Forward:** Virtual Server

Administration

- **Configuration:** Web UI
- **System:** Upgrade, Reboot & Reset

Environment

- **OP/Store Temp.:** -30°C ~ 60°C; -40°C ~ 85°C
- **Humidity:** 10%~95% (non-condensing)
- **Enclosure:** Metal, Bracket
- **Dimension:** 77.4x68.6x26mm

Package Accessory

- 1*Device
- 4*Cellular Antenna (3dBi)
- 1*RJ-45 Cable

Option

- Power DC Jack spec:
- **DC Connector:** Outer diameter 5.5mm / Inner diameter 2.1mm
- Wall-Mount kits
- DIN-Rail kits

ORDERING INFORMATION

Country	Band
EU,TW,Asia,US	5G Sub-6G(SA or NSA): n1/n2/n3/n5/n7/n8/n12/n13/n14/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/n66/n71/n75/n76/n77/n78/n79 4 x 4 MIMO: n1/n2/n3/n7/n25/n30/n66/n38/n40/n41/n48/n77/n78/n79 UL 2 x 2 MIMO (SA only): n38/n40/n41/n48/n77/n78/n79
	FDD-LTE Bands: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 TDD-LTE Bands: B34/B38/B39/B40/B41/B42/B43/B48 DL 4 x 4 MIMO: B1/B2/B3/B4/B7/B25/B30/B38/B40/B41/B42/B43/B48/B66
Regulatory	CE/ FCC/ JATE/ TELEC
Carrier	

Comment

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

MECHANIC DRAWING

•Top View



•Front View



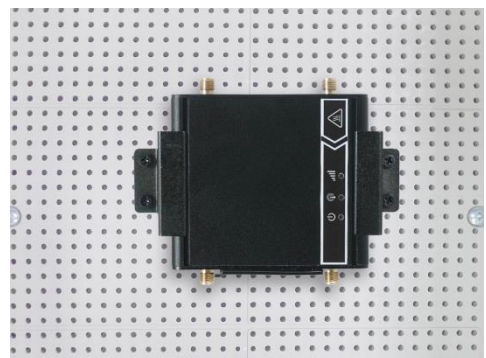
•Back View



•With DIN-Rail



•With Wall-Mount



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.)