amit
Enabling Wireless M2M - IoT

5G Modem
IDG450-0GT0C

KEY FEATURES
✓ 1* 4G/5G (1*SIM)
✓ 1 * RJ-45 2.5GbE
✓ TB 5-32V in

INTRODUCTION
The IDG450- a 5G Modem with 5G-NR and 4G-LTE dual-mode cellular connection capability makes wireless uplink / downlink at hand. It also features a 2.5 Gigabit Ethernet port for local device connectivity.

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

BENEFITS
1. Low power consumption, highly efficient & reliable
2. Wide-range power input to meet site environment
3. Compact in size, also compatible with mounting kits
4. Support AMIT device management platform- A-NMS, monitoring device, connection status and more
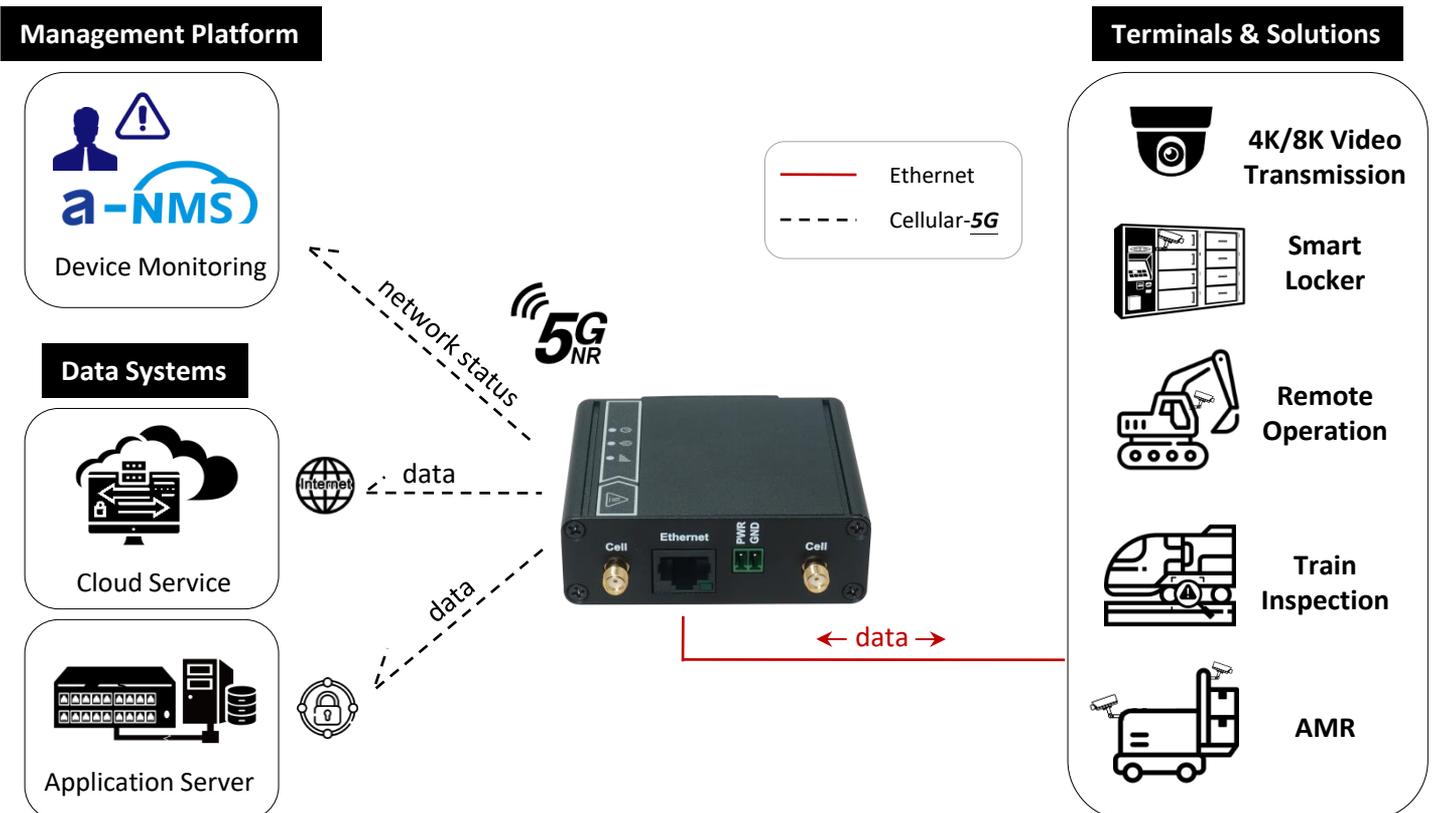
DIAGRAM

SPECIFICATION

Device Interface
- **LTE Module:** 1*4G/5G, 3GPP Rel. 16
- **SIM:** 1*Micro-SIM (3FF)
- **Ethernet :** 1*RJ45 2.5GE
- **Power Input :** TB 5-32V DC
- **Antenna Con.:** 4*SMA (F)-4G/5G

WAN & Uplink
- **WAN:** Cellular & Config, NAT / Bridge Mode
- **Cellular:** 4G/5G, 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 ~ 70°C; -40°C ~ 85°C
- **Humidity:** 10%~95% (non-condensing)
- **Enclosure:** Metal
- **Dimension:** 77.4x68.6x26mm

Package Contents
- 1*Device
- 1*Terminal Block (2 pins for DC power supply)
- 4*5G Antennas
- 1*RJ-45 Cable

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

MECHANIC DRAWING

- **Top View**

- **Front View**

- **Back View**
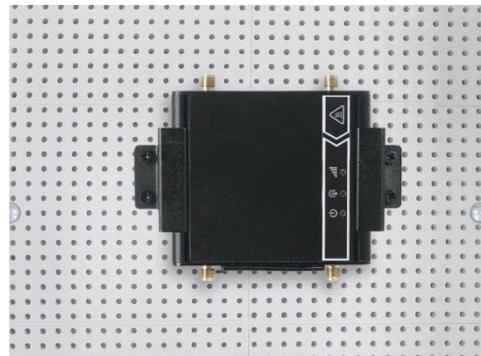

- **With DIN-Rail**

ORDERING INFORMATION

Country	Band
Global	**5G Sub-6G(SA or NSA):** n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/n66/n70/n71/n75/n76/n77/n78/n79 **DL 4 × 4 MIMO:** n1/n2/n3/n7/n25/n30/n38/n40/n41/n48/n66/n70/n77/n78/n79 **UL 2 × 2 MIMO:** n38/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 **LAA:** B46 **DL 4 × 4 MIMO:** B1/B2/B3/B4/B7/B25/B30/B38/B40/B41/B42/B43/B48/B66
EU	**5G Sub-6G(SA or NSA):** n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n71/n75/n76/n77/n78 **DL 4 × 4 MIMO:** n1/n3/n7/n38/n40/n41/n77/n78 **UL 2 × 2 MIMO (SA only):** n38/n40/n41/n77/n78 **FDD-LTE Bands**: B1/B3/B5/B7/B8/B20/B28/B32/B71 **TDD-LTE Bands:** B38/B40/B41/B42/B43 **DL 4 × 4 MIMO:** B1/B3/B7/B38/B41/B42/B43
Regulatory	CE/ FCC/ JATE/ TELEC/ NCC

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

- **With Wall-Mount**