

5G M2M Router IDG500-0GT01



KEY FEATURES

- ✓ 1*4G/5G (2*SIM)
- ✓ 2*RJ-45 GE
- ✓ TB 5-32V in

INTRODUCTION

IDG500-0GT01, a 4G/5G M2M router, meets 3GPP Release 16 features. With its compact, small and lightweight metal housing, it is also suitable for comprehensive networks for various applications in public/local 5G networks

BENEFITS

1. Dual-SIM offers connection redundancy
2. Dual-image and self-recovery functions handle problems well, good for unmanned usage scenarios
3. Wide power input range and wide working temperature to meet site environments
4. Support AMIT device management platform- A-NMS, connection status and more

APPLICATION

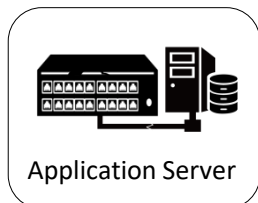
- 4k/8K video transmission
- Remote operation
- Industrial PC
- Surveillance camera
- Digital signage
- Commercial NAS/Printer, STB
- IT equipment WAN connection
- RJ45 port for device connection

DIAGRAM

Management Platform



Data Systems



network status

data

data

5G NR



— Ethernet
- - - Cellular-5G

data

Terminals & Solutions



4K/8K Video Transmission



Smart Locker



Remote Operation



Train Inspection



AMR

SPECIFICATION

Device Interface

- **Built in Cellular Module:** 1*4G/5G, 2* Nano SIM
- **Ethernet :** 2*RJ45 GE
- **Power Input:** 1* TB 5-32V DC, Power consumption: max. 10W
- **Antenna Con.:** 4*SMA (F)-4G/5G

WAN & Uplink

- **WAN:** Cellular, Ethernet Connection, Failover
- **Cellular:** 4G/5G, IPv4/6
- **Ether-WAN:** Dynamic IP, Static IP, PPPoE
- **Network Monitor:** ICMP/DNS Query

Protocol

- **LAN & VLAN:** DHCP Server/Relay, Port/Tag based VLAN
- **IPv6:** Dual Stack
- **Port Forward:** NAT 1-1, 1-many, DMZ, Virtual Server & Computer, VPN Pass-through
- **Routing:** Static, Dynamic- RIP1/RIP2

Service

- **Cellular Toolkit:** Data Usage, SIM PIN, Network Scan
- **Scheduling:** System Reboot, Function On/Off
- **X.509 Certificated**

Security

- **VPN Tunnel:** IPSec, OpenVPN, PPTP, L2TP, GRE
- **VPN Usage:** Site/Host, Client
- **Firewall:** Stealth Mode, IPS
- **Access Control:** Packet Filter, URL Blocking, MAC Filter

Management

- **Configuration:** Web UI, CLI, Command Script
- **Management Tool:**SNMPv3 Std. & AMIT MIB, TR-069
- **System:** Upgrade, Backup & Restore, Reboot & Reset, SysLog
- **Diagnostic:** Diagnostic Tools

Status

- **Dashboard:** System Information
- **Network Status:** Connection information, Cellular Signal Quality
- **Cellular Mobile:** Signal Quality, IMEI/MEID, Usage Band
- **Security:** VPN Status, Firewall Rule list
- **Management:** SNMP&TR-069 Status, Network access and Login User, Cellular usage

Environment

- **OP/Storage Temp.:** -30°C ~ 60°C; -40°C ~ 85°C
- **Humidity:** 10%~95% (non-condensing)
- **Dimension:** 93x90x27mm

Package Accessory

- 1*Device
- 1*Terminal block (2 pins for DC power supply)
- 4*Cellular Antenna
- 1*RJ45 Cable

Optional Accessory

- Power adaptor
- Wall-Mount kits
- DIN-Rail kits

ORDERING INFORMATION

Country	Band
Global	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.

MECHANIC DRAWING

Front View



Back View



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