Enabling Wireless M2M - IoT

5G/LTE WAN Extender

IDG500-0GT01

KEY FEATURES

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

INTRODUCTION

IDG500-0GT01, a 5G/4G WAN Extender, meets 3GPP Release 16 features. With compact, small and light weighted metal housing, it is also suitable for comprehensive network for various applications in Public / Local 5G Network.

Product Summary:
1.Redundancy dual SIM offers connection reliability
2.Dual Image and self recovery function works when an abnormality is detected or unmanned

APPICATION

- Industrial PC, 4k ~ 8K high-definition surveillance camera digital signage, Commercial NAS/Printer, STB, IT equipment WAN connection
- Remote Operation
- Industrial PC
- RJ45 port for device connection

High Speed Transmission

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

Popular Features

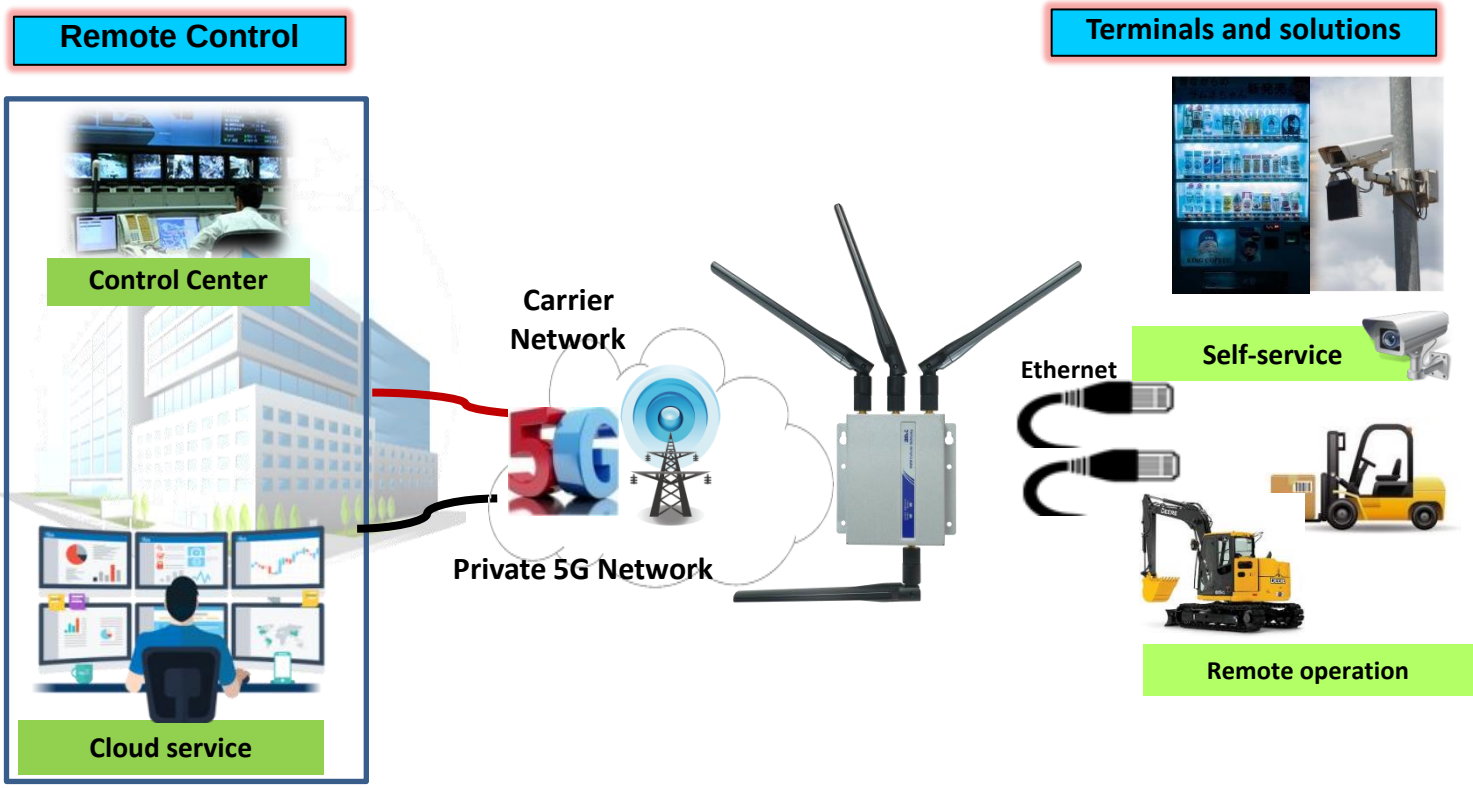
- 2 x Giga RJ-45 Ports
- Cellular Router or Bridge

Easy Installation

- Mounting Kit
- Power Range 5-32V

Cellular Connection

- Detailed information via GUI or CLI
- Advanced Routing functions



SPECIFICATION

Device Interface

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

WAN & Uplink

- **WAN:** Cellular, Ethernet Connection, Failover
- **Cellular:** 5G/4G, 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/Store Temp.:** -30˚C ~ 60˚C ; -40˚C ~ 85˚C
- **Humidity:** 10%~95%（non-condensing）
- **Dimension**: 93x90x27mm

Accessory

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

Others

- **Wall mount, 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

AMIT Wireless Inc.

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

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

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