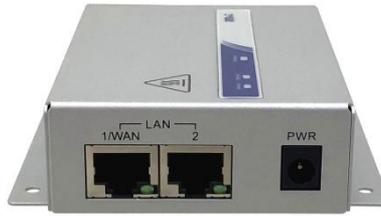


# 4G M2M Router IDG500-0T012



## INTRODUCTION

The IDG500- a 4G M2M Router that includes 4G-LTE cellular capability for wireless uplink / downlink. It also includes WiFi function to provide wireless connectivity to IoT terminals.

## BENEFITS

- 1.Low power consumption, highly efficient & reliable
- 2.Redundant dual SIM offers connection reliability.
- 3.Compact in size, also compatible with mounting kits
- 4.Support AMIT device management platform- A-NMS, monitoring device, connection status and more

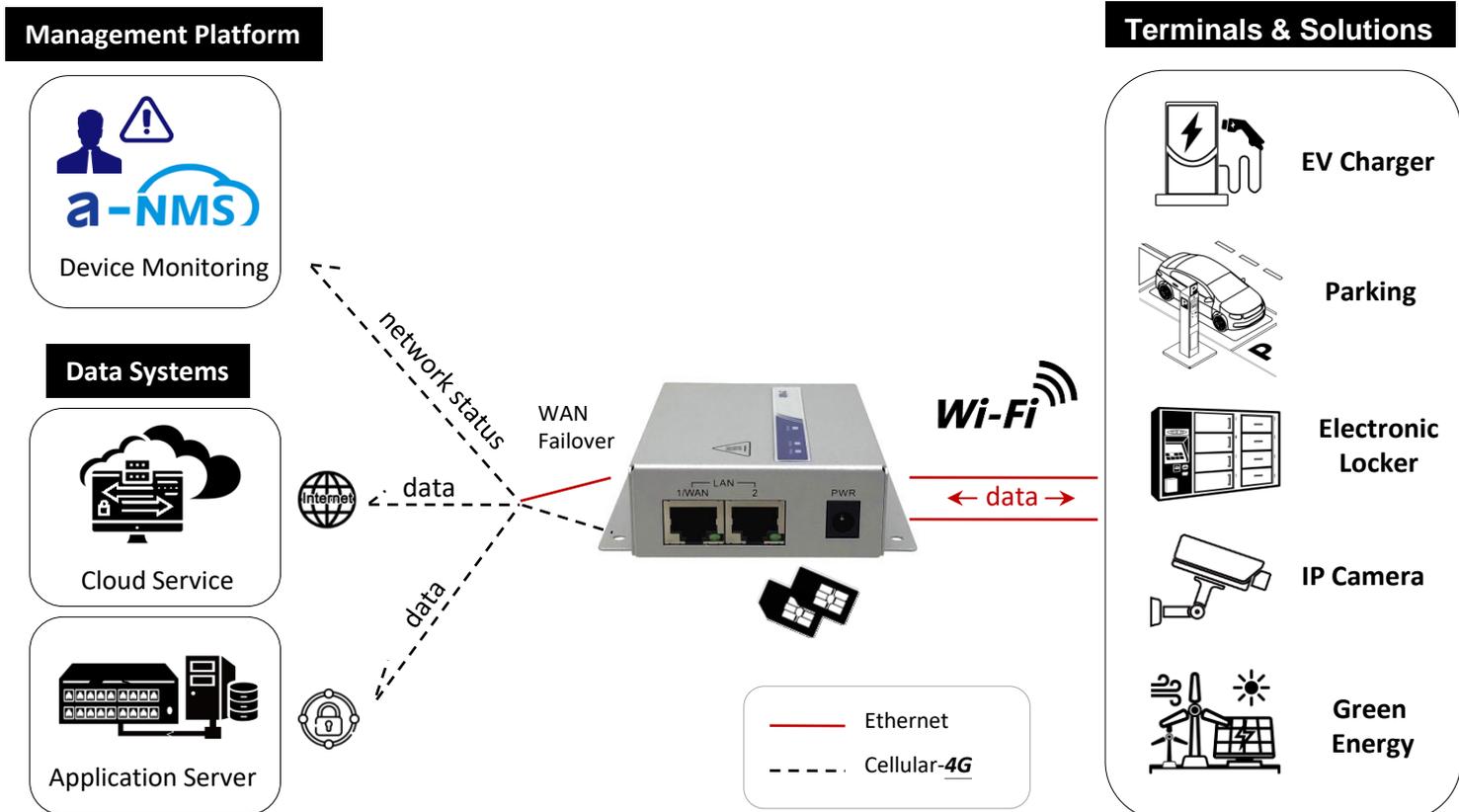
## KEY FEATURES

- ✓ 1\* 4G (2\*SIM)
- ✓ 1(2) \* RJ-45 FE
- ✓ WiFi 1T1R 2.4GHz
- ✓ DC 5-24V (DC Jack)

## APPLICATION

- IP surveillance
- Remote operation
- Access point
- Industrial PC
- RJ45 port attachment devices

## DIAGRAM



## SPECIFICATION

### Device Interface

- **Built in Cellular Module:** 1\*LTE,2\*SIM (Micro-SIM)
- **Ethernet :** 2\*RJ45 FE
- **Log Storage :** 1\*Micro-SD Slot
- **Power Input :** 1\* DC Jack 5V ~ 24V ,Power consumption 4W
- **Antenna Con.:** 2\*SMA (F)-LTE , 1\*RP-SMA (M)-WiFi

### WAN & Uplink

- **WAN:** Cellular, Ether-WAN, 1\* config. 11n WiFi; Failover
- **Cellular:** LTE/3G,IPv4/6
- **Network Monitor:** ICMP/DNS Query

### Protocol

- **LAN & VLAN:** DHCP Server ,Port-based, tagged VLAN (IEEE 802.1Q)
- **Port Forward:** NAT 1-1, 1-many, DMZ, Virtual Server & Computer, VPN Pass-through
- **Routing:** Static, Dynamic - RIP1/RIP2

### 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 Status, Network Access and Login User , Cellular Usage

### Management

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

### Wireless

- **Standard:** 802.11 Industry Compliance
- **Mode:** AP Router
- **Functions:** Multi-SSID, Auto Channel Select ,Station Isolation
- **Security:** WEP, WPA,WPA2, WPA-PSK, WPA2-PSK, 802.1x
- **WiFi Advanced:** WMM, WIDS

### 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

### Service

- **Cellular Toolkit:** SMS, Cellular Data Usage Management, PIN Protection, USSD, Communication Scan
- **Event control function:** Settings / Notification / Monitor event SMS, log, SNMP trap, E-mail Notification
- **Network service:** Dynamic DNS, Time setting
- **Scheduling:** System Restart, Feature on / off
- **X.509 Certificate:**

### Environment

- **OP/Store Temp.:** -30°C ~ 70°C ; -40°C ~ 85°C
- **Humidity:**10%~95% ( non-condensing )
- **Dimension:** 93x90x27mm

### Certificate

- CE
- MIL STD-810G compatible

### Package Contents

- 1 \* Device, 2 \* Cellular antenna (3dBi),1 \* WiFi Antenna
- 1 \* RJ45 cable, 1 \* Power Adapter

## MECHANIC DRAWING

### •Front View



### •Back View



## ORDERING INFORMATION

yy	Skew	Module Certification
EO	EU	Ready
UO	US	Ready
JO	Japan	Ready
TO	Taiwan	Ready

### Comment

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

### •Top View



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