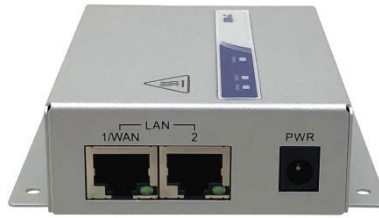


4G M2M Router IDG500-0T012



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

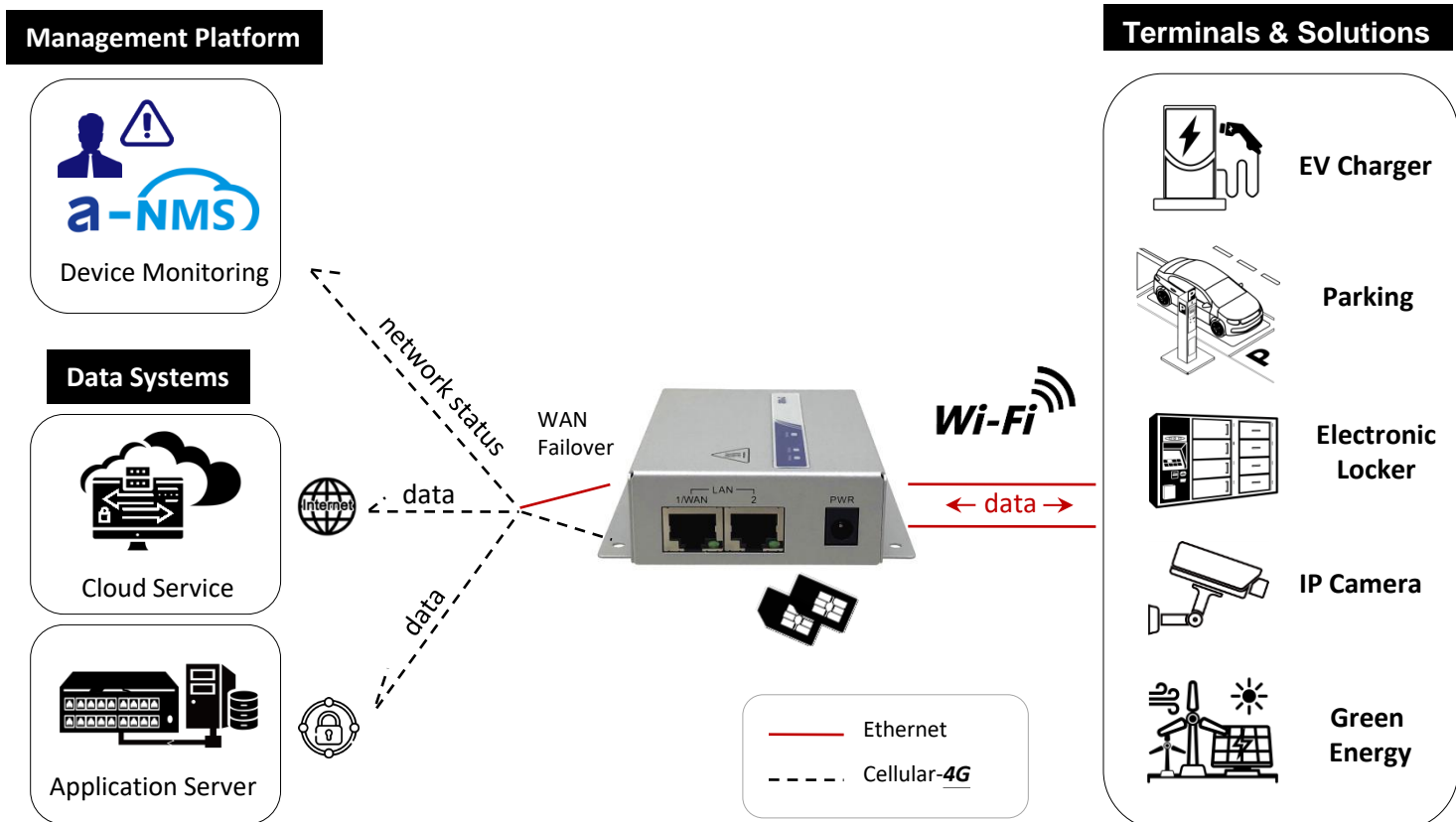
KEY FEATURES

- ✓ 1* 4G (2*SIM)
- ✓ 1(2) * RJ-45 FE
- ✓ WiFi 1T1R 2.4GHz
- ✓ DC 5-18V (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 ~ 18V ,Power consumption 4W
- **Antenna Con.:** 2*SMA (F)-LTE , 1* 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

- JP,CE
- MIL STD-810G compatible

Package Contents

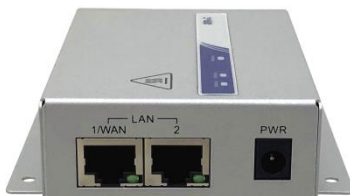
- 1 * Device, 2 * Cellular antenna (3dBi),1*WiFi Antenna
- 1 * RJ45 cable, 1 * Power Adapter,4 * Rubber Feet

MECHANIC DRAWING

•Front View



•Back View



ORDERING INFORMATION

yy	Skew	Module Certification
E0	EU	Ready
U0	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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