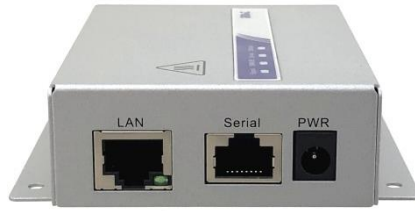


4G M2M Router IDG500-0T002



INTRODUCTION

The IDG500- a 4G M2M Router that includes 4G-LTE cellular capability for wireless uplink / downlink. It also support serial interface (RS232/RS485) for connecting to terminals.

BENEFITS

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

KEY FEATURES

- ✓ 1* 4G (2*SIM)
- ✓ 1* RJ-45 FE
- ✓ 1* RJ-45 type RS232/RS485
- ✓ DC 5-18V (DC Jack)

APPLICATION

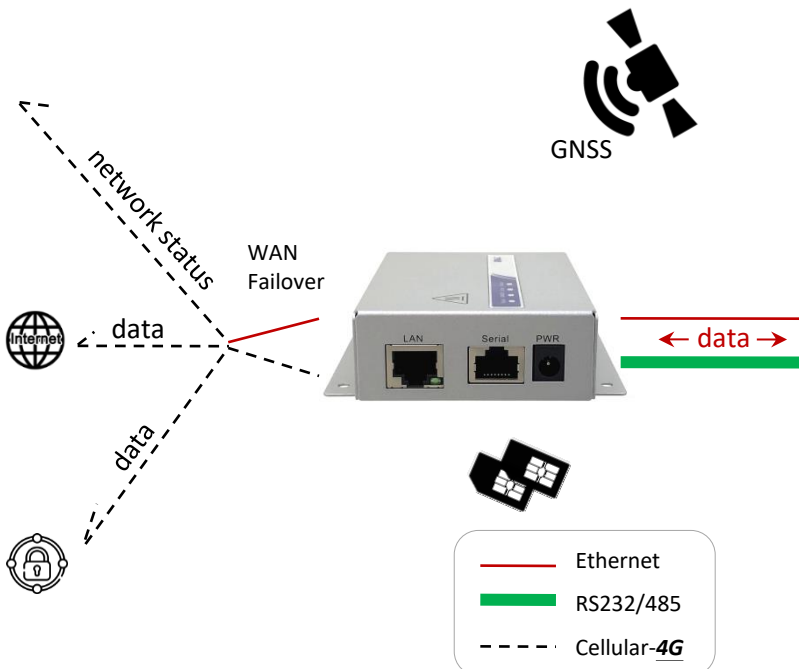
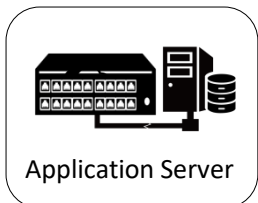
- IP surveillance/monitoring
- Parking payment machine
- Intelligent transportation system
- Industrial PC
- Measuring instrument
- Dial-up equipment
- RJ45 port attachment devices

DIAGRAM

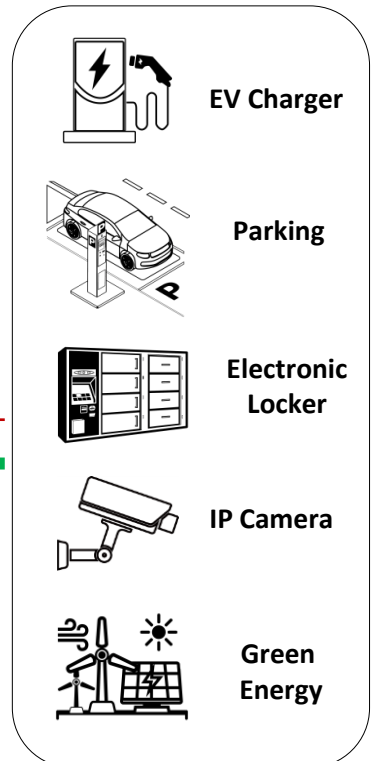
Management Platform



Data Systems



Terminals & Solutions



SPECIFICATION

Device Interface

- **Built in Cellular Module:** 1*LTE,2*SIM (Micro-SIM)
- **Ethernet :** 1*RJ45 FE
- **Field Bus :** 1*RS232/RS485
- **Power Input :** 1* DC 5V ~ 18V (DC Jack),Power consumption 4W
- **Antenna Con.:** 2*SMA (F)-LTE , 1* SMA(F)-GPS

WAN & Uplink

- **WAN:** Cellular
- **Cellular:** LTE/3G,IPv4/6
- **Network Monitor:** ICMP/DNS Query

Protocol

- **LAN & VLAN:** DHCP Server
- **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 & Device Management, 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

Field-Com

- **Virtual COM:** RFC2217, TCP Client, TCP Server, UDP

Security

- **VPN Tunnel:** IPSec, OpenVPN, PPTP, L2TP, GRE
- **VPN Usage:** Site/Host, Client
- **Firewall:** Stealth Mode, IPS
- **Access Control:** Packet Filter, 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 Reboot, feature on / off
- **X.509 Certificate:**
- **GNSS:** GNSS location tracking

Environment

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

Certificate

- JP,CE

Package Contents

- 1 * device, 2 * cellular antenna (3dBi),
- 1 * RJ45 cable, 1 * serial conversion cable
- 1 * power adapter, 4* rubber feet

Comment

- Specifications are subject to change without prior notice.

MECHANIC DRAWING

•Top View



•Front View



•With DIN-Rail



•Back View



ORDERING INFORMATION

yy	Skew	Module Certification
E0	EU	Ready
U0	US	Ready
JO	Japan	Ready
TO	Taiwan	Ready

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