

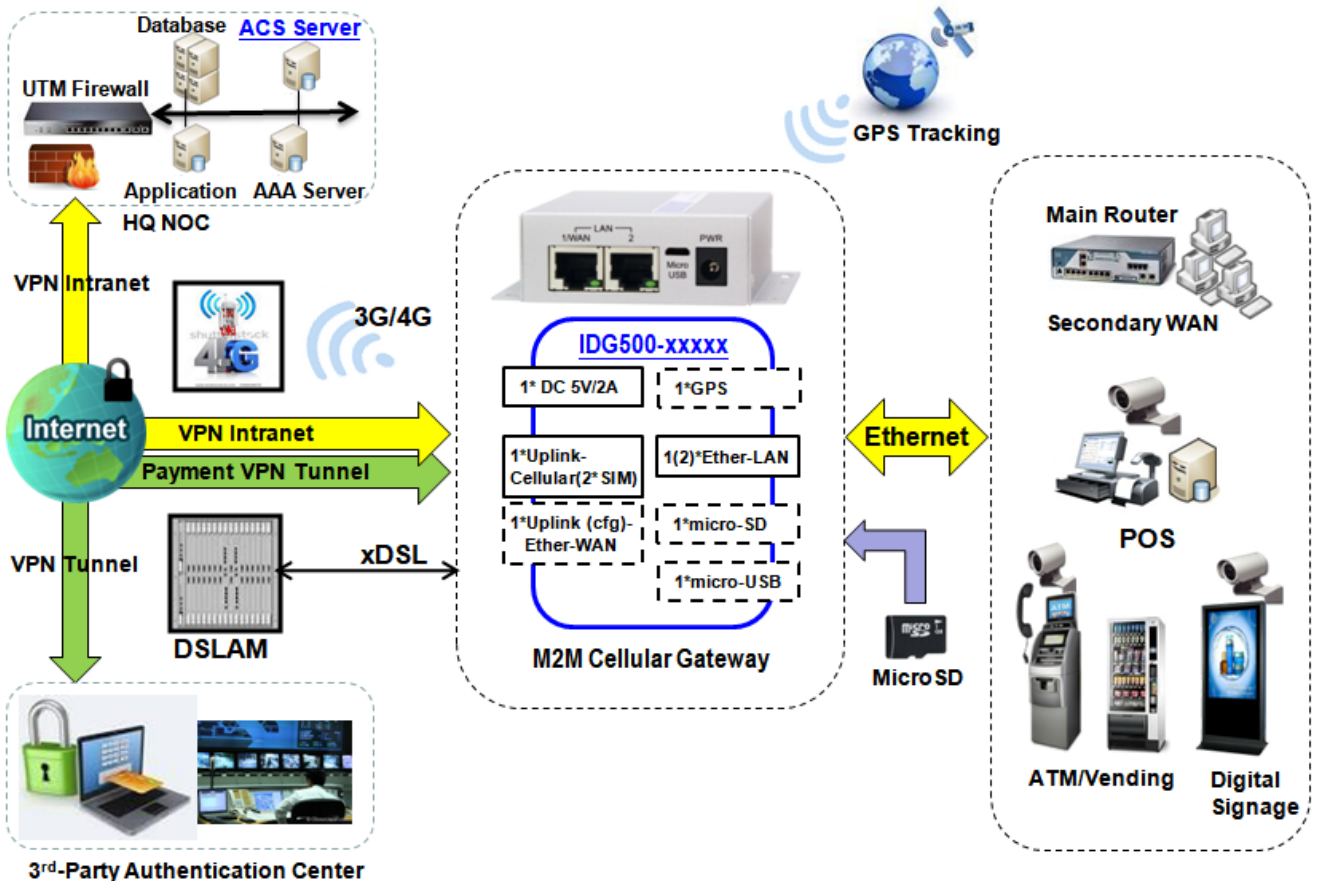


M2M Cellular Gateway

Feature Sets:

- Smart Business solution for Retail POS and self-service stations, like ATM, vending machine, and digital signage applications.
- Equip with a dual-SIM LTE module with failover function.
- Equip with Ethernet port(s) with tag based VLAN easily to group control and relocate traffic pattern.
- Optional RS232 interface for virtual COM or out-of-band management for remote NOC.
- Fully protocol with NAT/Routing/IPV6 compatible with most IP network.
- IPSec, OpenVPN, PPTP, and L2TP VPN support up to 3 concurrent tunnels with max 20Mbps throughput (IPSec).
- Firewall with SPI and IPS function prevent hacker attacking and enhance network efficiency.
- SNMP, Telnet CLI, and TR-069 for administrator to manage system.

Connection Diagram:



Product Specification¹:

IDG500	-0P001	-01001	-0T001	-0P501	-0T501	-06501
Uplink – Cellular	1* HSPA+ (dual SIM)	1* LTE Cat.1 (dual SIM)	1* LTE Cat.4 (dual SIM)	1* HSPA+ (dual Micro-SIM)	1* LTE Cat.4 (dual Micro-SIM)	1* LTE Cat.6 (dual Micro-SIM)
	(LTE: 800/900/1800/2100/2300/2600MHz; UMTS: 850/900/1900/2100MHz; GPRS/EDGE: 850/900/1800/1900MHz) ²					
Uplink - Fixed line	-			1*RJ45 GE		
LAN - Ethernet	1*RJ45 FE			1(2)*RJ45 GE		
GNSS	-	GPS	GPS	-	GPS	GPS
Serial Port	1*RS232			-		
Log Storage	-			1*Micro-SD Slot, 1*Micro-USB 2.0		
Power Source	DC 5V ~ 18V, Power Consumption: max. 5.5W			DC 5V ~ 18V, Power Consumption: max. 7.0W		

WAN	Multiple WANs, Failover
LAN	LAN IP, Subnet Mask, DHCP
VLAN	Tag-based VLAN
Port Forwarding	Virtual Server/ Computer, DMZ Host, PPTP/L2TP/IPSec Pass-through
Routing	Static, Dynamic: RIP1/RIP2, OSPF, BGP
Virtual COM	RFC2217, TCP Client, TCP Server, UDP (only for the models with serial port)
VPN	IPSec, OpenVPN, PPTP, L2TP, GRE;
Firewall	SPI Firewall with Stealth Mode, IPS
Access Control	Packet Filter, URL Blocking, MAC Filter
Cellular Toolkit	SMS, Data Usage, SIM PIN, USSD, Network Scan
Event Handling	Managing / Notifying Events; SMS, Syslog, SNMP Trap, Email Alert, Reboot
Configuration & Management	Web, Telnet CLI, Command Script, TR-069, SNMPv3 standard & AMIT MIB
System Operation	MMI, System Information, System Time / Log, Backup & Restore, Reboot & Reset
FTP	FTP Server, User Account (only for the models with log storage)
Diagnostic	Packet Analyzer, Diagnostic Tools
Dimension (LxWxH)	93x90x27mm (with mounting brackets)
Temperature ³	Operational: -30°C ~ 60°C (for IDG500-06501); -30°C ~ 70°C (for the others) ; Storage: -40°C ~ 85°C
Humidity	10% ~ 95% (non-condensing)

- Specifications are subject to change without prior notice.
- Supported cellular frequency depends on regional hardware version.
- 3G/4G performance will be degraded if device's ambient temperature is above 60°C.

Device Interface:

(1) Top View



(2) Rear View



(3) Front View



(Note: Interfaces may vary depending on models.)

Accessory List:

(1) Package Content

- 1*Device, 2*Cellular Antenna (3dB),
- 1*Power Adapter (DC 5V/2A),
- 2*DIN Rail Bracket,
- 4*Rubber feet, 1*CD (User Manual)

Certification:

(1) Approval / Certificate
CE

(2) Standards & Regulation

- EMI: EN 55032: 2015 +AC: 2016 Class B
EN 61000-3-2:2014, 61000-3-3:2013
- EMS: EN 55024:2010+A1:2015
EN 61000-6-2:2005+AC:2005
IEC 61000-4-2(ESD) Level 4
IEC 61000-4-3(RS) Level 3
IEC 61000-4-4(EFT) Level 4
IEC 61000-4-5(Surge) Level 2
IEC 61000-4-6(CS) Level 3
IEC 61000-4-8(PFMF) Level 4
- Radio: EN 301 489-1/-7/-24/-52
EN 50385
- Safety: EN 60950-1