# Wireless M2M Series

## IDG700AM-0T001
M2M Cellular Gateway

Feature Sets:

- M2M Cellular Gateway for Retail POS, and Self-Service Stations, like ATM, vending machine, and digital signage applications.
- Equip with a dual-SIM LTE, provide WAN failover function for highly reliable requirement, without geographic limit.
- 1* FE LAN port with tag based VLANs easily to group control and relocate traffic pattern.
- Fully protocol with NAT/Routing/IPv6 compatible with most IP network.
- IPSec, PPTP, and L2TP VPN support up to 8 concurrent tunnels with max 70Mbps throughput (IPSec).
- Firewall with SPI and IPS prevent hacker attacking and enhance network efficiency.
- SNMP, Telnet CLI, and TR-069 for administrator to manage system.
- QoS and Bandwidth management for optimal bandwidth usage.
- Seamless power failover between redundant 9-48V DC input.

Connection Diagram:

Applications:

IDG700-0T001

Backup WAN of main router for Self-Service Station
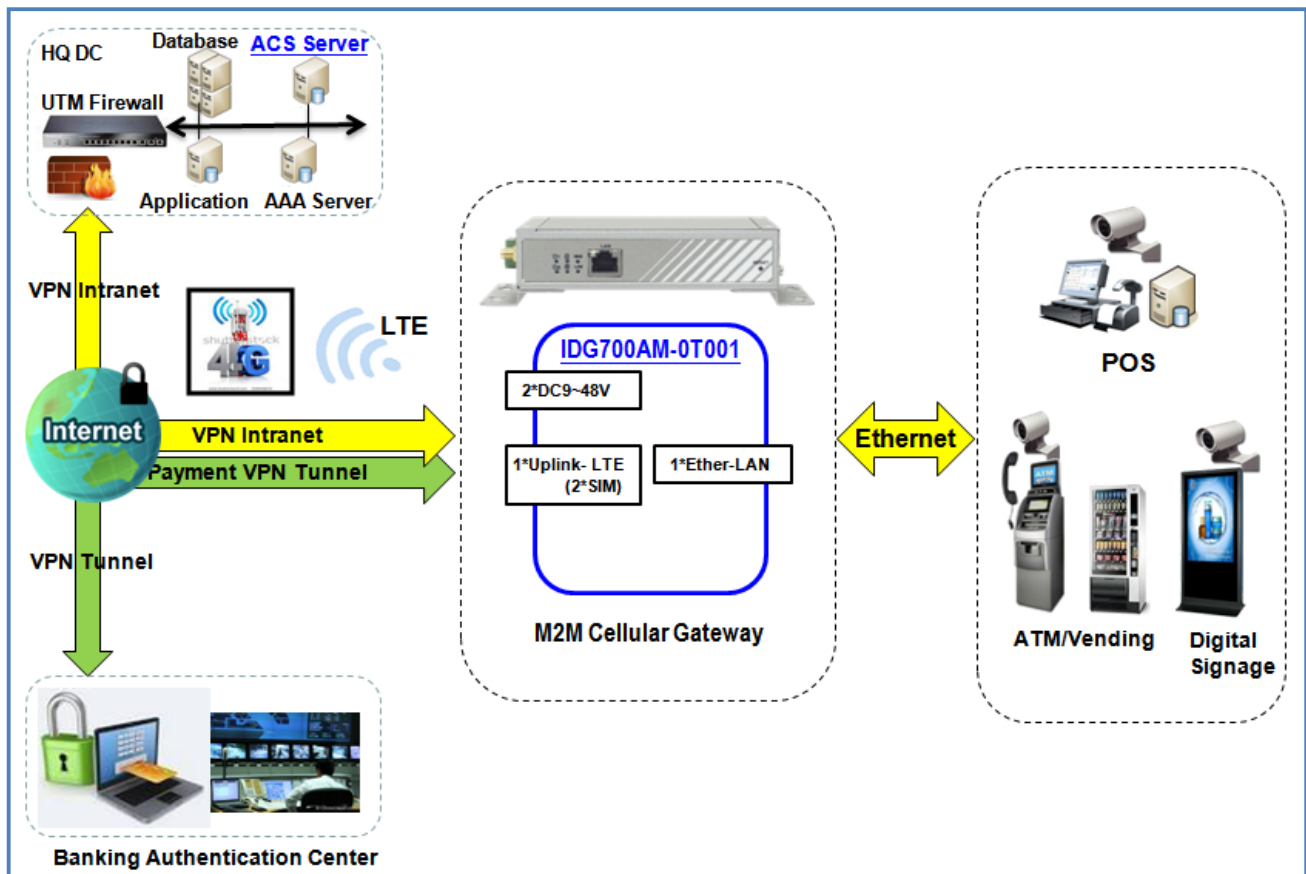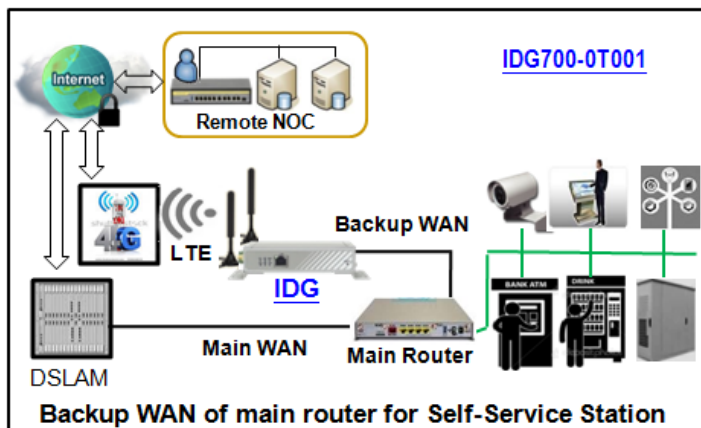
Application: To deploy a cellular gateway as the backup WAN for self-service applications

Description:
• The easiest way to deploy a cellular gateway for connecting your self-service equipments (like ATM, Kiosk, and Digital Signage) to the remote management center while main access is borken.
• With LTE as internet connection, it is plug and play without geographic limit.
• The most cost-effective product for you with robust design for secure internet access, variable voltage range, wide temperature range.
• Easily been managed by AMIT ACS server or management SW.

Specifications[1]:

Device Interfaces
Uplink: 1*embedded LTE (dual SIM)
LAN-RJ45:   1*RJ45 FE
3G/4G Band[2]:   LTE: 800/900/1800/2600 MHz,
                  UMTS: 900/2100 MHz
Antenna: 2*3dBi detachable ant. (3G/4G)
Power Source: Dual DC 9V~48V

WAN Functions
WAN: Cellular WAN, Dual SIM Failover
Cellular: 2G/3G/LTE IPv4/IPv6, IP Pass-through
IPv6:   Dual Stack, 6-in-4, 6-to-4

Basic Functions
Ethernet: LAN IP, Subnet Mask
VLAN: Tag-based
NAT: ALG, Special AP, DMZ Host, Virtual Server/
                  Computer, PPTP/L2TP/IPSec Pass -through
Routing: Static, Dynamic: RIP1/RIP2, OSPF, BGP

Management
Configuration: Web UI, Telnet CLI
Network: SNMPv3, TR-069
Event & Handler: SMS, Syslog, SNMP Trap, Email Alert,
                  Reboot

Systems
System: Status & Statistics, Tools, Scheduling,
                  FW Upgrade, Backup & Restore Settings,
                  Watch Dog

Cellular Functions
Connectivity: SIM-SIM Failover / Failback, Reliability 24/7
APN Mgmt.:   Auto-Detection, User Defined Priority,
                  Manual
Network Scan: Operator/Service Type/Band Selection
Data Plan: Monitor, Usage Warning, Connection,
                  Restricted
SMS: Send, Receive, Forward, Event Notify,
                  Device Management
USSD: Manual/USSD Profile

Advanced Functions
Firewall: SPI Firewall with Stealth Mode, IPS
Access Control: MAC Address Control, Packet Filters,
                  URL Blocking
QoS & BWM: Policy-based Bandwidth Control and Packet
                  Flow Prioritization
VPN Tunneling: IPSec, PPTP, L2TP, GRE, OpenVPN,
                  DMVPN, L2TP over IPSec;
                  Tunneling with Full Tunnel, Tunnel Failover
VPN Scenario: Site to Site, Site to Host, Host to Site, Host
                  to Host, Hub and Spoke, DMVPN,
                  Dynamic VPN
VPN Capability: IPSec: up to 8 tunnels
Redundancy: VRRP

Dimension
Device (LxWxH):   131x99x31mm (w/o mounting kit)
                  167x99x39mm (with mounting kit)

Environment
Operation Temp.[3]: -20 ℃ ~ 60 ℃
Storage Temp.:   -40 ℃ ~ 85 ℃
Humidity: 10% ~ 95% (non-condensing)

1. Specifications are subject to change without advanced notice.
2. Supported frequency band is dependent upon regional hardware version.
3. 3G/4G perfoemance will be degraded if device's ambient temperature is above 55 ℃.