



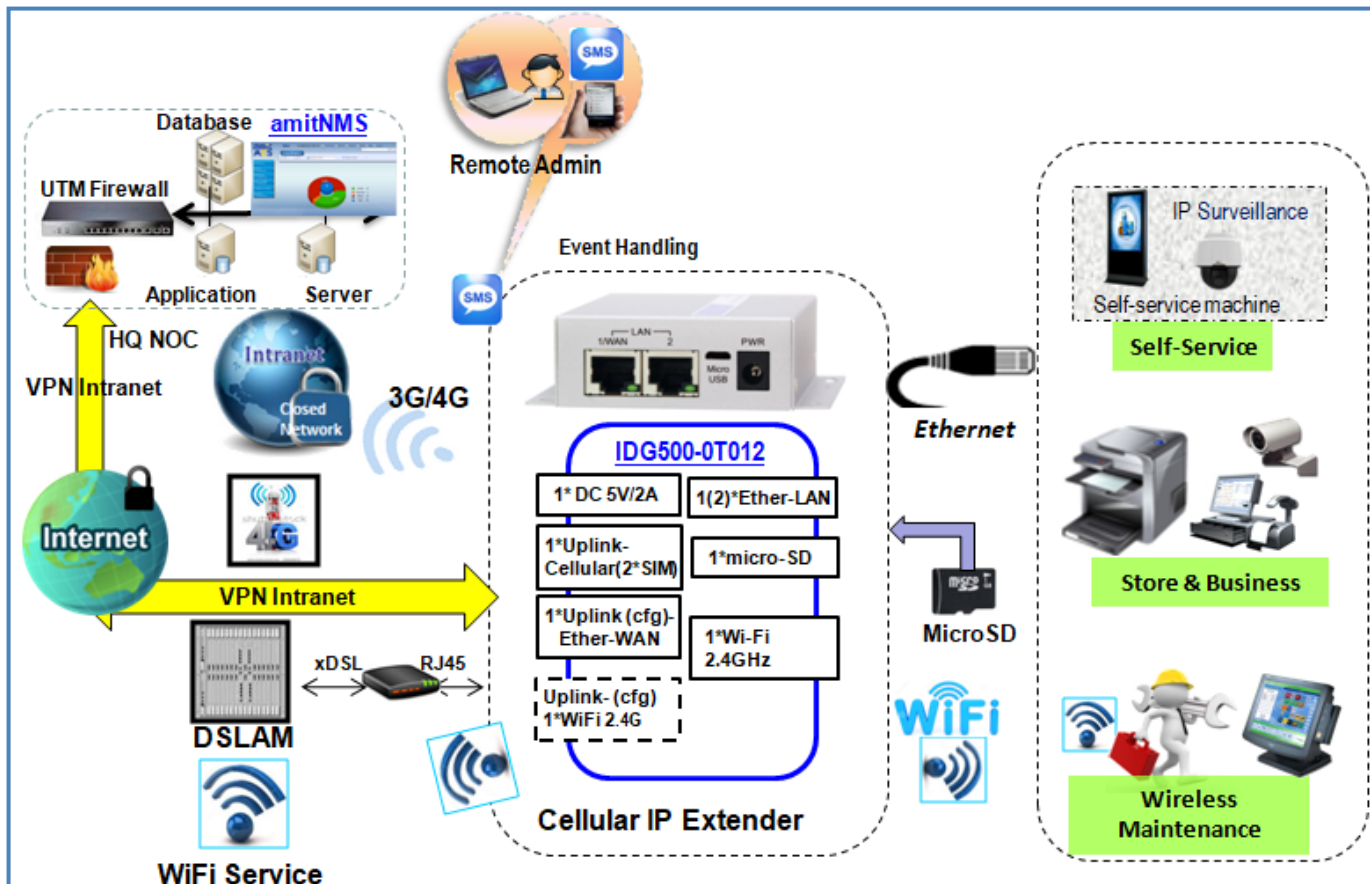
Cellular IP Extender

IDG500-0T012

Feature Sets:

- Cellular IP Extender with WiFi for IP-based business terminal devices like ATM, Printer, IP-CAM.
- Support NAT , Router and Bridge Network Types for various developed requirements.
- Dual SIM design and Network Monitoring function ensure Cellular connectivity alive.
- Cellular / Ethernet / WiFi Uplink Failover function is suitable for different business location.
- Small but complete various Network protocols ,Security and Routing features in one.
- VPN function can make the connectivity in closed-Network between Center and Remote.
- SMS / SNMP / E-mail manage & notify event types can meet different application needs.

Connection Diagram:



Specifications¹:

Device Interfaces

Uplink: 1*LTE module (dual SIM), 1*RJ45 FE
(configurable), 1*11N (2.4GHz)
WiFi Uplink
LAN-RJ45: 1(2)*RJ45 FE
Log Storage: 1*MicroSD
Cellular Band³: LTE: 800/900/1800/2100/2300/2600 MHz,
UMTS: 850/900/1900/2100 MHz,
GPRS/EDGE: 850/900/1800/1900 MHz
Antenna: 2*3dBi detachable ant. (3G/4G)
1*5dBi WiFi DB ant.
Power Source: DC 5V / 2A

WAN Functions

WAN: Cellular WAN, Dual SIM Failover
Cellular: 2G/3G/LTE, IP Pass-through
WiFi: 11N(2.4GHz) WiFi Uplink
IPv6: Dual Stack, 6-in-4, 6-to-4

Basic Functions

Ethernet: LAN IP, Subnet Mask
WiFi Operation: AP Router
WiFi Security: WEP, WPA, WPA2, WPA-PSK, WPA2-PSK,
802.1x
VLAN: Port-based, Tag-based
Port Forwarding: Virtual Server/ Computer, DMZ Host,
VPN Pass-through
Routing: Static, Dynamic: RIP1/RIP2, OSPF,

Object Definition

Scheduling: Time Schedule List
Ext. Server: Email, Syslog, RADIUS,
Certificate: My Certificate, Trusted Certificate,

Security

VPN Tunneling: IPSec, OpenVPN, PPTP, L2TP, GRE;
Tunneling with Full Tunnel, Tunnel Failover
VPN Scenario: IPSec Host / Site, OpenVPN, PPTP, L2TP
Client, DMVPN(GRE over IPSec)
Firewall: SPI Firewall with Stealth Mode, IPS
Access Control: Packet Filter, URL Blocking, MAC Filter

Service

Cellular Toolkit: SMS, Data Usage, SIM PIN, USSD,
Network Scan
Event Handling: Managing / Notifying Events; SMS,
Syslog, SNMP Trap, Email Alert, Reboot

Administration

Config.& Mgmt.: Web, SSH&Telnet CLI, Command Script,
TR-069, SNMPv3 standard & AMIT MIB
System Op.: System Info., System Time / Log,
Backup & Restore, Reboot & Reset
Web File Mgmt.: Upload , Download
Diagnostic: Diagnostic Tools

Dimension

Device (LxWxH): 93x90x27mm

Environment

Operation Temp.: -30 °C ~ 70 °C
Storage Temp.: -40 °C ~ 85 °C
Humidity: 10% ~ 95% (non-condensing)

Accessory

Package Content
1*Device, 2*Cellular Antenna (3dBi),
1*WiFi Antenna(5dBi),
1*Power Adapter DC 5V/2A,
4*Rubber feet, 1*CD (User Manual)

Certification

Approval / Certificate
CE
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

1. Specifications are subject to change without advanced notice.

2. GNSS (GPS) function may be NOT supported for some SKU, it is dependent upon regional hardware version.

3. Supported frequency band is dependent upon regional hardware version.

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