ID-M2M *4G LTE Remote Terminal Unit*

- 1x embedded Cat.4 LTE module
- 2 SIM slots for failover
- Terminal Blocks Power
- 1 RJ-45 Console Port(RS-232/RS-485)
- SCADA and Modbus compliant

- Desktop or DIN rail mount
- 1 10/100 WAN Port + 1 10/100 LAN Port
- 802.11n 2T2R with detachable antennas
- Hardware VPN function provide the secured video transmission
- SNMP, Web and TR-069 for management

4G LTE RTU

The ID-M2M is a rugged 4G LTE RTU with serial console port for SCADA telemetry system. It can tranlate via virtual console port or Modbus to 4G LTE network. It makes the connection accessible from anywhere.

Smart Building

Smart Building

The ID-M2M is a perfect solution for smart building. You can translate the energy unit, security unit and waste management from serial to LTE network. It is essentially an IoT gateway with 4G LTE function.

Wide Temperature Range

The ID-M2M is built for extreme temperature range. The operating temperature is between –30 to 70 degree Celsius. This make it suitable for deployment in almost all kind of environment.

Wide Temperature Range
-30°C 70°C
ID-M2M

For Office Environment and Server Farm
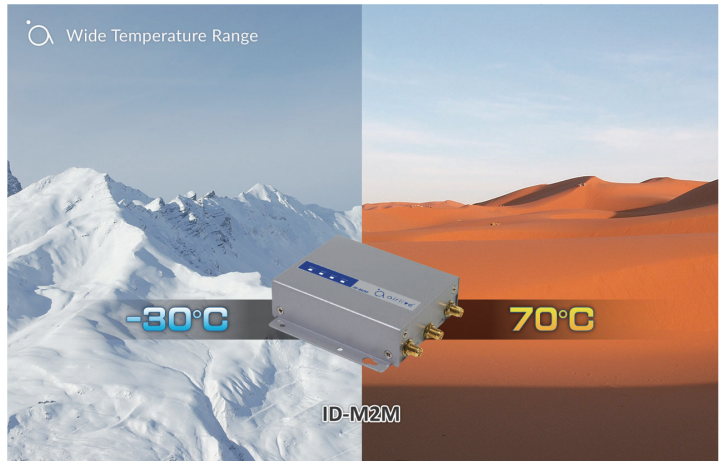
For Office Environment and Server Farm

The ID-M2M has a virtual console port that can connect with your office's switch out of band management. So you can access the switch or router remotely even when your network is down.

Factory Automation

The ID-M2M is a perfect solution for Factory automation. Rugged metal housing with DIN-Rail mounting is designed for factory. There is even a RS-232/RS-485 port(RJ-45) for production line. There is also a SD card slot for storing log files.

Factory Automation
20.0°C
RJ-45 port   Serial port
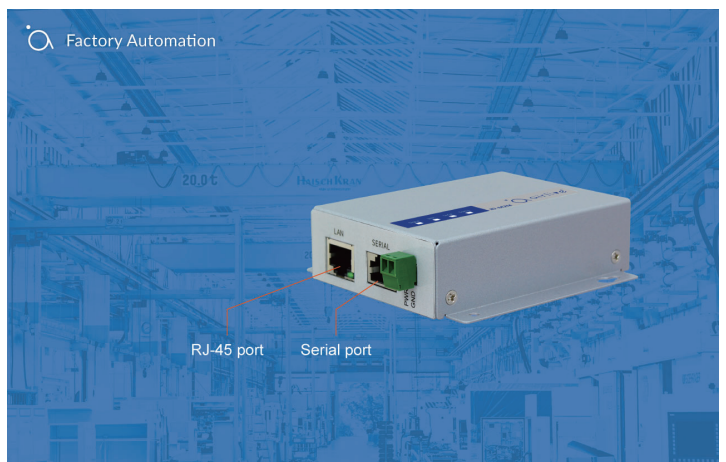
Specifications

Model	ID-M2M
Device Interface	4G Module：1 * LTE Cat.4, 2 * Micro-SIM (3FF), with GNSS
	Ethernet：1 * RJ45 FE
	Field Bus：1 * RJ45 RS232/485
	Power Input：1 * DC 9V ~ 32V (Terminal Block)
	Antenna Con.：2 * SMA (F)-4G , 1 * SMA(F)-GNSS
WAN & Uplink	WAN：Cellular
	Cellular：3GPP, 3G/4G, IP Pass-through
	Network Monitor：ICMP/DNS Query
Frequency Bands	E0 module(EMAE)：B1/3/7/8/20
	S2 module(Latin)：B1/2/3/4/5/7/8/28/40
	U0 module(US)：B2/4
	A0 module(Australia)：B 1/3/5/7/28/40
	R0 module(Russia)：B3/7/20
	T0 module(Taiwan)：B3/7/8/20
	JP0 module(Japan)：B 1/9/18/19/21
	JP1 module(Japan)：B 1/8/4
Protocol	LAN & VLAN：DHCP Server/Relay
	Port Forward：NAT 1-1, 1-many, tansversal, DMZ, Virtual Server & Computer, VPN Pass-through
	Routing：Static, Dynamic - RIP1/RIP2, OSPF, BGP
Field Comm.	Virtual COM：RFC2217, TCP Client, TCP Server, UDP
	Modbus：Gateway for Modbus TCP/RTU/ASCII Master/Slave Access; Slave for Device Status/Information Access
Object	Scheduling：Time Schedule List
	Grouping：Host Grouping List
	Ext. Server：Email, Syslog, RADIUS, SCEP, DDNS, IGMP
	Certificate：My Certificate, Trusted Certificate, Issue Certificate
Security	VPN Tunneling：IPSec, OpenVPN, PPTP, L2TP, GRE
	Scenario：Site/Host to Site/host; Hub and Spoke; Dynamic VPN
	VPN Capability：IPSec: up to 3 tunnels
	Firewall：SPI Firewall with Stealth Mode, IPS
	Access Control：Packet Filter, MAC Filter
Administration	Configuration：Web UI, CLI, Command Script
	Management：SNMPv3 Std. & MIB, TR069
	System：Upgrade, Backup & Restore, Reboot & Reset, SysLog
	Diagnostic：Diagnostic Tools
Service	Cellular Toolkit：Data Usage, SMS, SIM PIN, USSD, Network Scan
	Event Handling：User Defined Manage/Notify Event; Action & Trigger by SMS, Mail, Syslog, SNMP Trap, Modbus
	GNSS：GPS Location Tracking
	OP/Store Temp.：-30℃ ~ 70℃ ; -40℃ ~ 85℃
Environment	Humidity：10%~95% (non-condensing)
	Enclosure：Metal, Bracket, DIN-Rail (Optional)
	Dimension：93 x 90 x 27 mm (with mounting brackets)
	Standards & Regulation
Certificate - CE	EMI：EN 55032: 2015 +AC: 2016 Class B
	EMS：EN 55024, IEC 61000
	Radio：EN 301 489, EN 300 328, EN 301 893, EN50385
	Safety：EN 60950-1
	1 * Device
Package Accessory	2 * Cellular Antenna (3dBi)
	1 * Power Adapter DC 12V/1A
	1 * RJ45 Cable, 1 * Serial Convert Cable
	1 * Terminal Block (2-pin for DC Power)
	1 * DIN Rail Kit, 1 * Screw Bag
	4 * Rubber feet, 1 * CD (User Manual)