# ID-4GW *4G LTE WiFi Gateway*

- 1x embedded Cat.4 LTE module
- 2 SIM slots for failover
- 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

Industrial 4G LTE gateway

The ID-4GW is a rugged 4G LTE gateway that can be used in home, office, or factory. It can sit in the desktop or mounted on DIN rail. It can be used as your primary Internet connection or as a backup should the cable Internet fails.
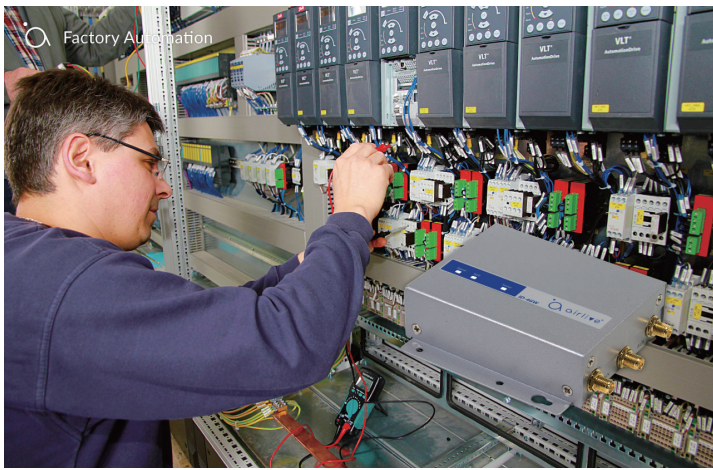
Factory Automation

The ID-4GW is a perfect solution for Factory automation. Rugged metal housing with DIN-Rail mounting is designed for factory. There is even a special model with RS-232/RS-485 port for production line(ID-4GW-M2M). There is also a SD card slot for storing log files.

Office Internet Failover

For Office environment, uninterrupted Internet connection is the most important thing. Once you lose Internet connection, the productivity is also lost. It is an intelligent choice to have the ID-4GW as the WAN backup. The ID-4GW has a WAN port and a LAN port. When WAN port is found to be failed, it will switch over to the LAN port to keeping Internet alive. The built-in VPN connectivity allows remote office worker to connect with company's network.

For Digital Signage

The ID-4GW is only 10cm long and 9cm wide. It is small enough to fit into a digital signage. In addition, the industrial construction make it rugged enough for such deployment.

For Villa and Vacation Home

The cost of 4G service fee is getting lower. It is a wise choice to select 4G LTE as the primary Internet connection for your home. The ID-4GW has a pair of much larger 4G antennas than smart phone which means much better connection. This is particularly important if your villa or vacation home is in remote area.

For Service Provider

The ID-4GW can be managed via Web, TR069, SNMP, and CLI commands. It provides the operators their preferred way for managing the device. It is perfect for Telco and ISP to provide their subscribers as part of their package.

Wide Temperature Range

The ID-4GW 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.
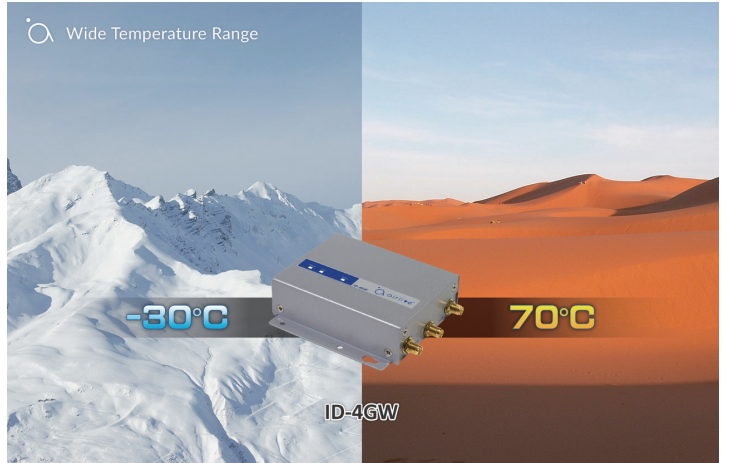
Specifications

Model	ID-4GW
Device Interface	LTE Module ：1 * LTE-Cat.4, 2 * SIM
	Ethernet ：1(2) * RJ45 FE
	WiFi ：1*11n-1*1
	Log Storage ：1 * MicroSD
	Power Input ：1 * DC 5V ~ 18V (DC Jack)
	Antenna Con. ：2 * SMA (F) - LTE, 1 * SMA(M) - WiFi
WAN & Uplink	WAN ：Cellular, Ether-WAN, 1 * config. 11n WiFi; Failover
	Cellular ：2G/3G/LTE, IP Pass-through, IPv4/v6
	Ether - WAN ：Dynamic IP, Static IP, PPPoE, PPTP, L2TP
	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
WiFi	Standard ：IEEE 802.11 Industry Compliance
	Mode ：AP Router
	Functions ：Multi-SSID, WMM
	Security ：WEP, WPA, WPA2, WPA-PSK, WPA2-PSK, 802.1x

Specifications

Protocol	LAN & VLAN ：DHCP Server/Relay, Port/Tag based VLAN
	IPv6* ：Dual Stack, Static IPv6, DHCPv6, PPPoEv6
	Port Forward ：Virtual Server, Virtual Computer, DMZ, VPN Pass-through
	Routing ：Static, Dynamic - RIP1/RIP2, OSPF
Object	Scheduling ：Time Schedule List
	Grouping ：Host Grouping List
	Ext. Server ：Email, Syslog, RADIUS, SCEP, FTP, DDNS, IGMP
	Certificate ：My Certificate, Trusted Certificate, Issue Certificate
Security	VPN Tunneling ：IPSec, OpenVPN, PPTP, L2TP, GRE
	VPN Capability ：IPSec: up to 3 tunnels
	Firewall ：SPI Firewall with Stealth Mode, IPS
	Access Control ：Packet Filter, URL Blocking, MAC Filter
Administration	Config & Mgmt. ：Web, Telnet & SSL, Command Script, SNMPv3 Std. & Proprietary MIB, TR069
	System ：Upgrade, Backup & Restore, Reboot & Reset, SysLog
	Diagnostic ：Packet Analyzer, Diagnostic Tools
Service	Cellular Toolkit ：Data Usage, SMS, SIM PIN, USSD, Network Scan
	Event Handling ：User Defined Manage/Notify Event; SMS, Mail, Syslog, SNMP Trap, System HW
Environment	OP/Store Temp. ：-30℃ ~ 70℃ ; -40℃ ~ 85℃
	Humidity ：10%~95% (non-condensing)
	Enclosure ：Metal, Bracket
	Dimension ：93 x 90 x 27 mm
Certificate - CE	Standards & Regulation
	EMI ：EN 55032: 2015 +AC: 2016 Class B, EN61000-3/-6
	EMS ：EN 55024, IEC 61000, EN61000-6
	Radio ：EN 301 489, EN 300 328, EN 301 893, EN50385
	Safety ：EN 60950-1, EN 62368-1
Dimensions and Weight	100mm x 90 mm x 27mm
	220g
Package Accessory	1 * Device
	2 * Cellular Antenna (3dBi), 1 * WiFi Ant.
	1 * Power Adapter DC 5V/2A
	1 * DIN Rail Kit
	4 * Rubber feet, 1 * CD (User Manual)
	1 * RJ45 Cable