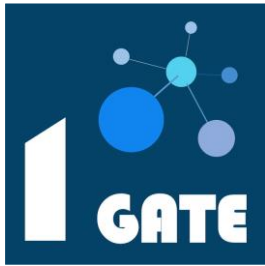


LoRaWAN[®] COMPACT Gateway

Optional Network Server



The LoRaWAN[®] Indoor COMPACT Gateway from 1-Gate offers powerful quadcore processor and high radio performances combined in a very compact format. It is shipped as a ready-to-use device, but can also be programmed by the user.



- Ultra compact form factor
- Quadcore ARM Cortex A53
- Wifi 802.11bgn
- Bluetooth & BLE
- Optional GPS/GNSS
- Optional Network Server
- Open source software

	1-Gate LW COMPACT	1-Gate LW COMPACT GPS	1-Gate LW COMPACT NS	1-Gate LW COMPACT GNS
CPU	QuadCore ARM Cortex A53 @1,2GHz			
	1GB LPDDR2			
	8GB Micro SD			
	Ethernet 10/100			
	Wifi 802.11bgn			
RADIO	Bluetooth/BLE			
	868 MHz			
	Semtech SX1301 base band – Dual front end SX1257 (TX/RX)			
SOFTWARE	GPS/GNSS			GPS/GNSS
	Linux Based			
	Semtech lora_gateway packet_forwarder(default)			
	Tested with Loriot & TTN			
MECHANICAL			Network Server	Network Server
	105x75x35 mm			
	Aluminium enclosure			
	Power 5V / 2.5A			
	-20° / +70° C			
	1x SMA-f (LoRa)			
	1x SMA-f (GPS)			1x SMA-f (GPS)



LoRaWAN® Field TESTER

Product	Part Number	Description
1-GATE LW TESTER	1G-LFT-868-00-01	Field Tester for LoRaWAN networks (private or public)



LoRaWAN® Concentrator BOARDS

Product	Part Number	Description
1-GATE LW BOARD01	1G-LBD-BAS-868-02	LoRaWAN RPI HAT Board - SX1301/1257 – Multicanaux
1-GATE LW BOARD01 GPS	1G-LBD-BAS-868-01	LoRaWAN RPI HAT Board - SX1301/1257 – Multicanaux + GPS



LoRaWAN® COMPACT Indoor Gateway

Product	Part Number	Description
1-GATE LW COMPACT	1G-LWG-BAS-868-02-PACK	Gateway LoRaWan Indoor (with accessories)
1-GATE LW COMPACT GPS	1G-LWG-BAS-868-01-PACK	Gateway LoRaWan Indoor (with accessories) + GPS



LoRaWAN® COMPACT Indoor Gateway Network Server

Product	Part Number	Description
1-GATE LW COMPACT NS	1G-LWG-BAS-868-03-PACK	Gateway LoRaWan Indoor (with accessories) + Netw. S.
1-GATE LW COMPACT GNS	1G-LWG-BAS-868-04-PACK	Gateway LoRaWan Indoor (avec accessories) + Netw. S. + GPS



LoRaWAN® PREMIUM Outdoor Gateway

Product	Part Number	Description
1Gate LW PREMIUM	1G-LWG-OUT-868-01-PACK	Gateway LoRaWAN Outdoor (with accessories)



Accessories

Product	Part Number	Description
1G-PSU	1G-ACC-PSU-01	220V Power Supply for COMPACT
1G-DIN	1G-ACC-DIN-01	DinRail mounting for Gateway COMPACT
1G-CBL	1G-ACC-CBL-01	5m Cable - N-m / SMA-m



LoRa® 868MHz Antennas

Product	Part Number	Description
1G-ANT-868	1G-ANT-868-01	Rubber antenna- 868MHz - 2dBi gain - SMA-m
	1G-ANT-868-02	Outdoor 868MHz antenna - Gain de 4dBi - N-f - mounting kit included
	1G-ANT-868-03	Outdoor 868MHz antenna - 6dBi gain - H=98cm - N-f



GPS Antennas

Product	Part Number	Description
1G-ANT-GPS	1G-ANT-GPS-01	Indoor – Adhesive mount - 2,5m cable - SMA-m
	1G-ANT-GPS-02	Outdoor IP66 – Through hole mount - 3m cable - SMA-m
	1G-ANT-GPS-03	Outdoor IP66 – Magnetic mount - 3m cable - SMA-m

