Network Gateway

Flexible and interoperable utility IoT network communications

Landis+Gyr's Network Gateway is an integral part of Gridstream® Connect, our industry-leading utility IoT platform. The Network Gateway is a powerful field data center that supports a variety of communications protocols. By enabling device and sensor interoperability, the Network Gateway provides unparalleled flexibility and limitless potential for growth.

Flexible Communications

- Supports a wide array of communications technologies, including RF Mesh, Mesh IP, and cellular WAN backhaul
- Multiple radio options

Layered Intelligence: Intelligence when and where you need it

- On-board Linux processor
- Distributed data processing lowers cost of data sharing and networking

Battery Back-up

- Maintenance-free Lithium Iron Phosphate battery

Future-ready and Scalable

- Configurable, serviceable, and upgradeable
- Secure Wi-Fi for local configuration of radios or integrated sensor controller
- 2X Ethernet ports

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Product Specifications

Electrical	
Input Voltage Range	120 to 240 VAC
Current	0.5A-0.25A
Gatweay Processing Unit	
CPU	Cortex A9
RAM Memory	512MB DDR3L
FLASH Memory	2GB pSLC eMMC
Gateway Radio Processing Unit	
CPU	Dual-core Cortex M4
RAM	304 Kbytes
Flash Memory	2 MB + 4 MB External
ROM Memory	8 Kbytes
Series 5 Radio Variant	
Communication Protocol	IEEE 802.15.4g - SUN FSK PHY
RF Frequency Range	902-928 MHz
Channel Spacing	• N2450 (RF Mesh IP): 400 KHz • N2400 (RF Mesh): 100, 300 KHz
RF Data Rate	• N2450 (RF Mesh IP): 50, 150, 200 Kbps*
Modulation Types	2FSK, 2GFSK
Series 6 Radio Variant	
Communication Protocol	IEEE 802.15.4 – 2015 SUNPHY
RF Frequency Range	• 902 – 928 Mhz • 2400 – 2485 Mhz
Channel Spacing	400 KHz, 1200 KHz
RF Data Rate	• 50 Kbps to 600 Kbps (900 Mhz Band – Series 5 Compatibility Mode) • 100 Kbps to 2400 Kbps (2400 Mhz Band)
Modulation Types	SUNFSK, O-QPSK, OFDM

Transmitter	
Output Power (at Antenna Connection)	Up to 1W
Cellular, Ethernet, and Wi-Fi	
ETH 0 | ETH 1	10/100/1000 Ethernet | 10/100 Ethernet
Wi-Fi	Yes
Cellular Carriers	Cellular Carriers • Public (AT&T, Verizon, T-Mobile) • Private (AT&T FirstNet)
Mechanical	
Enclosure	Aluminum / IP67
Dimensions	10.94" W x 5.31" D x 12.23" H (278 mm W x 135 mm D x 311 mm H)
Weight	11.7 lbs
Operating Temp Range	-40°C to 60°C (-40 to 140° F)
Storage Temp Range	-40°C to 70°C (-40 to 158° F)
Compliance	
Regulatory Compliance	Safety & EMC, FCC Class A Device

*Kbps = Kilobytes per second

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Get In Touch

For more information and nationwide warranty terms, visit us at landisgyr.com or call us at 888-390-5733.

Let's build a brighter future together.

Landis+Gyr is a leading global provider of integrated energy management solutions. We measure and analyze energy utilization to generate empowering analytics for smart grid and infrastructure management, enabling utilities and consumers to reduce energy consumption. Our innovative and proven portfolio of software, services and intelligent sensor technology is a key driver to decarbonize the grid. Having enabled 9 million tons of CO_2 savings in FY 2024 through our product offerings, Landis+Gyr manages energy better – since 1896. With sales of USD 1.7 billion in FY 2024, Landis+Gyr employs around 6,300 talented people across five continents. For more information, please visit our website www.landisgyr.com.

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