



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
GATEWAY 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* • N2400 (RF Mesh): 9.6, 19.2, 38.4, 115.2 Kbps
Modulation Types	• 2FSK, 2GFSK
SERIES 6 RADIO VARIANT	
Communication Protocol	• IEEE 802.15.4 – 2015 SUNPHY
RF Frequency Range	• 902 – 928 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 (LTE): Cat 13	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.

Since 1896, Landis+Gyr has been a global leader of energy management solutions. We've provided more than 3,500 utility companies all over the world with the broadest portfolio of products and services in the industry. With a worldwide team of 1,300+ engineers and research professionals, as well as an ISO certification for quality and environmental processes, we are committed to improving energy efficiency, streamlining operations, and improving customer service for utility providers.