Network Bridge

Enabling Connectivity at Every Point

As part of Landis+Gyr's Gridstream® Connect Internet-of-Things (IoT) platform, the Network Bridge connects a diverse ecosystem of devices. The Network Bridge has been designed to address key requirements for Distribution Automation and Smart Cities. Landis+Gyr's Network Bridge optimizes the value of intelligence that "thinks locally" via distributed data processing.

Flexible Communications

- Supports RF, Cellular Solutions and wired Ethernet

- Communications redundancy option with multiple backhauls

Layered Intelligence:
Intelligence when and where you need it

- Distributed data processing lowers cost of data sharing and networking

- Simultaneous support of engineering access and operational data

Proven Interoperability

- Protocol flexibility

Future-ready and Scalable

- 2X Ethernet ports

- 2X Serial ports

- Platform designed for future communications options

Landis+Gyr

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Product Specifications

ELECTRICAL	
Input Voltage Range	12-24 VDC
Current	1.66A-0.83A

BRIDGE PROCESSING UNIT	
CPU	Cortex A9
RAM Memory	512MB DDR3L
FLASH Memory	2GB pSLC eMMC

SERIES 5 RADIO VARIANT	
Communication Protocol	• IEEE 802.15.4g - SUN FSK PHY
RF Frequency Range	• North America: 902-928 MHz
Channel Spacing	• N2250 (RF Mesh IP): 400 KHz • N2200 (RF Mesh): 100, 300 KHz
RF Data Rate	• N2250 (RF Mesh IP): 50, 150, 200 Kbps • N2200 (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	Black Anodized Aluminum, IP41
Dimensions	55.20 mm W x 120.00 mm D x 112.10 mm H (2.17" W x 4.72" D x 4.41" H)
Weight	1.10 lbs

*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.

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