



# 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

# Network Bridge

## 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	<ul style="list-style-type: none"><li>N2250 (RF Mesh IP): 400 KHz</li><li>N2200 (RF Mesh): 100, 300 KHz</li></ul>
RF Data Rate	<ul style="list-style-type: none"><li>N2250 (RF Mesh IP): 50, 150, 200 Kbps</li><li>N2200 (RF Mesh): 9.6, 19.2, 38.4, 115.2 Kbps</li></ul>
Modulation Types	2FSK, 2GFSK
Series 6 Radio Variant	
Communication Protocol	IEEE 802.15.4 – 2015 SUNPHY
RF Frequency Range	<ul style="list-style-type: none"><li>902 – 928 Mhz</li><li>2400 – 2485 Mhz</li></ul>
Channel Spacing	400 KHz, 1200 KHz
RF Data Rate	<ul style="list-style-type: none"><li>50 Kbps to 600 Kbps (900 Mhz Band – Series 5 Compatibility Mode)</li><li>100 Kbps to 2400 Kbps (2400 Mhz Band)</li></ul>
Modulation Types	<ul style="list-style-type: none"><li>SUNFSK, O-QPSK, OFDM</li></ul>

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 <ul style="list-style-type: none"><li>Public (AT&amp;T, Verizon, T-Mobile)</li><li>Private (AT&amp;T FirstNet)</li></ul>
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](http://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<sub>2</sub> 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](http://www.landisgyr.com).