



# 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



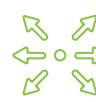
### Layered Intelligence: Intelligence When and Where You Need It

- 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		Transmitter	
<b>Input Voltage Range</b>	12-24 VDC	<b>Output Power (at Antenna Connection)</b>	Up to 1W
<b>Current</b>	1.66A-0.83A	<b>Cellular, Ethernet, and Wi-Fi</b>	
<b>Bridge Processing Unit</b>		<b>ETH 0   ETH 1</b>	10/100/1000 Ethernet   10/100 Ethernet
<b>CPU</b>	Cortex A9	<b>Wi-Fi</b>	Yes
<b>RAM Memory</b>	512MB DDR3L	<b>Cellular Carriers</b>	Cellular Carriers • Public (AT&T, Verizon, T-Mobile) • Private (AT&T FirstNet)
<b>FLASH Memory</b>	2GB pSLC eMMC	<b>Mechanical</b>	
<b>Series 5 Radio Variant</b>		<b>Enclosure</b>	Black Anodized Aluminum, IP41
<b>Communication Protocol</b>	IEEE 802.15.4g - SUN FSK PHY	<b>Dimensions</b>	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)
<b>RF Frequency Range</b>	North America: 902-928 MHz	<b>Weight</b>	1.10 lbs
<b>Channel Spacing</b>	• N2250 (RF Mesh IP): 400 KHz • N2200 (RF Mesh): 100, 300 KHz	*Kbps = Kilobytes per second	
<b>RF Data Rate</b>	• N2250 (RF Mesh IP): 50, 150, 200 Kbps • N2200 (RF Mesh): 9.6, 19.2, 38.4, 115.2 Kbps	This information is provided on an "as is" basis and does not imply any kind of guarantee or warranty, express or implied. Changes may be made to this information.	
<b>Modulation Types</b>	2FSK, 2GFSK		
<b>Series 6 Radio Variant</b>			
<b>Communication Protocol</b>	IEEE 802.15.4 – 2015 SUNPHY		
<b>RF Frequency Range</b>	• 902 – 928 Mhz • 2400 – 2485 Mhz		
<b>Channel Spacing</b>	400 KHz, 1200 KHz		
<b>RF Data Rate</b>	• 50 Kbps to 600 Kbps (900 Mhz Band – Series 5 Compatibility Mode) • 100 Kbps to 2400 Kbps (2400 Mhz Band)		
<b>Modulation Types</b>	• SUNFSK, Q-QPSK, OFDM		

## 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).