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

PROVEN INTEROPERABILITY

- Protocol flexibility

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

FUTURE-READY AND SCALABLE

- 2X Ethernet ports
- 2X Serial ports
- Platform designed for future communications options

FLEXIBLE COMMUNICATIONS   PROVEN INTEROPERABILITY   LAYERED INTELLIGENCE   FUTURE-READY AND SCALABLE

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 A5
RAM Memory	512 MB DDR2 RAM
FLASH Memory	2 GB NAND + 4 GB External

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 Type	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

Kbps = Kilobytes per second

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.

TRANSMITTER

Output Power (at Antenna Connector)	Up to 1W

ETHERNET & WIFI

ETH 0 | ETH 1	10/100/1000 Ethernet | 10/100 Ethernet
WIFI	Yes
LTE Cat6 (US Only-ATT and Verizon)	Yes

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

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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