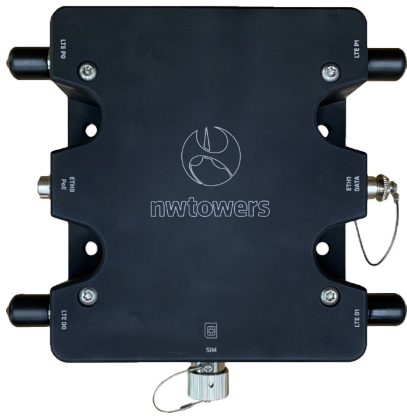


Velocity-SL5G DATASHEET



Part Number
NWT-SL5G

Product Description

Industrial Outdoor IP67 Rated 5G/LTE Gateway, Fully Anodized Aluminum Enclosure, Dual M12 X-Code Gigabit Ethernet Connectors (Female), Stainless Pipe Mounting Hardware Included.

Product Overview

The SL5G provides an SD-LAN, centrally managed, mobile encrypted 5G LTE data path to new or existing Mesh deployments. Installing an SL5G on a mobile vehicle paired with a supported Mesh device allows a vehicle to roam beyond the boundaries of Mesh coverage and provides a seamless sub-millisecond lossless layer-2 handoff to private or carrier networks. In a fixed deployment, the SL5G supplies a redundant and isolated backhaul to the Mesh device and its connected Peers. Multiple SL5G devices in a fixed or mobile network enable load balancing and increased overall capacity and data throughput.

5G CLIENT RADIO/GATEWAY

5G Chipset	Qualcomm X62 Snapdragon
3GPP Release	3GPP Rel. 16
Carrier Aggregation	5CA with 4x4 MIMO and 256 QAM
5G NR Bands	n1/2/3/4/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79
LTE FDD Bands	B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71
LTE TDD Bands	B34/38/39/40/41/42/43/48; LAA: B46
WCDMA Bands	B1/2/4/5/8/19
Certified Carriers	T-Mobile/Verizon/AT&T/NTT DOCOMO/Deutsche Telekom/Telstra/Telefónica
Private LTE	Yes, Including CBRS / OnGo
Certifications	FCC(XMR2022RM520NGL)/PTCRB/CE/Anatel/CCC/RCM/IC/JATE/KC
MIMO	Sub-6: DL 4x4, UL 2x2
CPU Core / Threads	2 / 4
CPU Frequency	880 Mhz
RAM	256MB
Ethernet	10/100/1000 Mbps M12 X-Code (Female) (1 PoE, 1 Data Only)
Poe Input	Active 803.2at, 7 w (idle) 24w (maximum)
Encryption	AES-256+RSA Cert

MECHANICAL CHARACTERISTICS

Dimension	215mm x 220mm x 50mm (8.46" x 8.66" x 1.97")
Weight	2.46kg (5.42lbs)
Mounting Holes	M8 (5/16") for V-Bolts (included) or Flat Mount
Mounting Pipe Diameter	32mm – 60mm (1.25" - 2.38")
Connectors	(4) Type N-Female, (2) M12 X-Code, (1) Micro (3FF) Sim Card

ENVIRONMENT

Operating Temperature Range	-40°C To +70°C
Oil Resistance	Yes
Outdoor/Sunlight Exposure (UV)	Yes
Humidity	95% (non-condensing)

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