



NEW

HyperPulse Developer Kit

IoT Development Kit for Myriota's HyperPulse 5G NTN Connectivity

Image Coming
Soon

SKU

MHPDTK01

CATEGORY

Evaluation & Development

CONNECTIVITY

Myriota HyperPulse 5G NTN

Optional Myriota LTE-M
(Future Release)

PRODUCT OVERVIEW

Accelerate your 5G IoT solution development with the Myriota HyperPulse Developer Kit.

Designed to enable testing of Myriota's 5G NTN connectivity service, the HyperPulse Developer Kit provides a real-world, hands-on opportunity to experience the platform and validate its use for your next IoT solution.

KEY FEATURES

Myriota HyperPulse Development Kit v0.1 (Beta grade)

- Evaluation hardware built with nordic nRF9151 DK as the base
- Support for interfacing 4-20 mA sensor (optional)
- Physical SIM with Myriota NTN profile

Myriota HyperPulse SDK - EAP1 release as a tarball/zip-file

- Myriota software layer as a statically linkable library to easily integrate with Nordic SDK
- Sample applications - Tracker and 4-20 mA sense
- On-device diagnostics logging



Global 5G NTN
Satellite Connectivity



Low-power, "Deploy
Once" Design



Over-The-Air
(OTA) Updates



3PPG Standards
Compliant

TECHNICAL SPECIFICATION

Connectivity

Satellite	Myriota HyperPulse 5G NTN (Release 17 Compliant)
Radio Frequency	L Band n255

Power

Input Voltage	3V - 5.5V (Battery), 5V (USB-C cable)
---------------	---------------------------------------

Batteries

User-Replaceable Batteries	3 x AA (Batteries not included)
Supported Battery Types	L91 Lithium (LiFeS2) – recommended for best performance Alkaline

Device Management

Device Configuration	Portal to view your devices and set-up data integration with your own data destination
Firmware Updates	Update firmware via USB-C

Mechanical

IP Rating	IP65
RoHS Compliant	No
Operating Temperature	-30°C to 70°C / -22°F to 158°F
On-board MCU	Nordic nRF9151
On-board Memory	-1 MB Flash, 256 KB RAM
GNSS	Internal
SIM Card	1 x Physical Nano SIM (4FF)
Connectors / Sensor Interfaces	1x Analogue (4-20mA)
Buttons	4 x programmable buttons

Data Integration

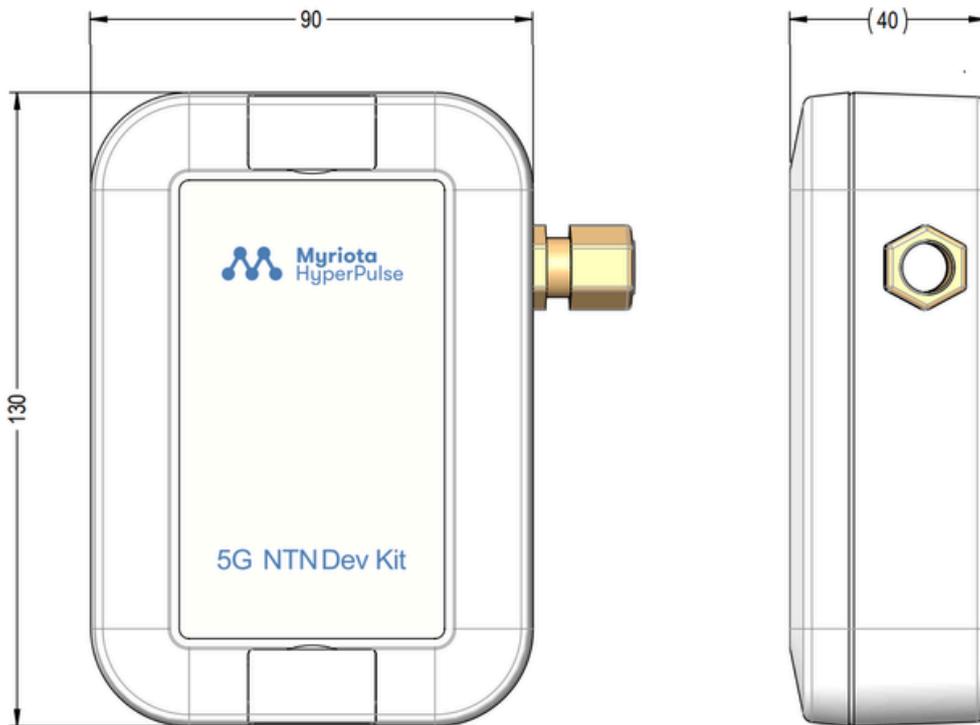
Cloud API	Multiple HTTPS destinations are definable per device
-----------	--

Warranty

Manufacturer's Warranty	Two-year manufacturer's warranty
-------------------------	----------------------------------

Dimensions

Size	130mm x 90 mm x 40 mm
------	-----------------------



New Product Notice

This product is in pre-release. The specifications, features, and performance details provided in this datasheet are representative of the device's expected specifications, but are subject to change without notice as the product is finalized for full commercial release.

Please contact our sales team if you have any questions or need further assistance.

Last updated July 2025.