



# Heron RTK- GPS 4G-LTE Data Link Datasheet

## **About This Document**

This document provides the specifications for the Heron development board module.

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# **CONTENTS**

## **1 Overview**

### **1.1 Heron RTK- GPS 4G-LTE Data Link Module**

## **2 Heron RTK- GPS 4G-LTE Data Link Module**



# 1. Overview

## 1.1 EC25-EU Mini PCIe Module Specifications

- Lower LTE-Cat Expensive 4 Wireless Communication System specially designed for M2M and IoT applications.
- Effective coverage of different network levels.
- The standard Mini PCIe encapsulated module provides the most convenient for customers to plan and use.
- MIMO technology complies with data value and wireless network reliability requirements.
- High-density GNSS receiver to meet fast and precise location needs in different weather conditions.

## 1.2 EC25-EU Mini PCIe Module Specifications Table

<b>Product Category</b>	GSM / GPS / GPRS Modules
<b>Model</b>	EC25-EU Mini PCIe LTE Cat 4
<b>Power</b>	3.0V ~ 3.6V, 3.3A
<b>Dimension (mm)</b>	30.0 × 51.0 × 4.9
<b>Operating temperature</b>	-35 ° C ~ + 75 ° C

## 2. Heron RTK- GPS 4G-LTE Data Link Module

Gnss and MPU data can be packed with Esp32 microcontroller, you can communicate with the 4G-LTE data link module over UART without any distance.

To use this module, the switch on the main module must be in LTE mode.

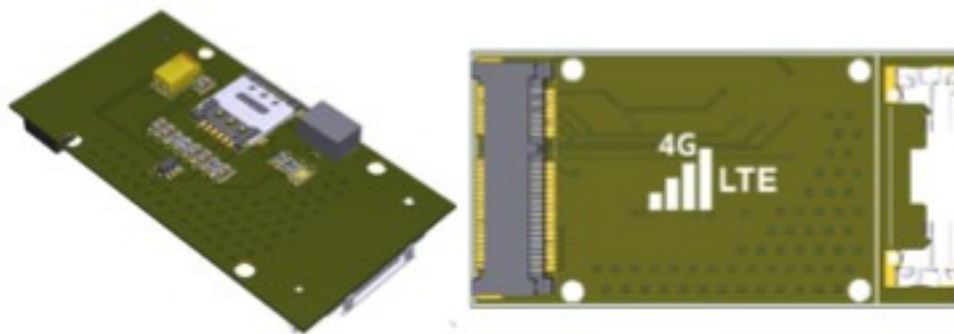


Figure 1: Heron RTK- GPS 4G-LTE Data Link Module