

L-Band Satellite RTCM Box

Introducing the first device capable of providing corrections in standard RTCM format directly from L-Band satellites. This means that it is compatible with ANY RTK receiver from ANY brand and you don't need anything else!

Includes:

- Aluminium box with power (12V barrel or MiniUSB) and RS232 output. The box also has an output so you can share the GNSS antenna signal with your RTK receiver
- Mini-USB cable (20cm)

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More info about the product!



L-Band Satellite RTCM Box SKU is: AS-PROKIT-RTCMBOX-LBAND-00

Get a discounted bulk price on this product for orders of 50 units or more. Contact us at info@ardusimple.com to get a quote.

Description

L-Band Satellite RTCM OEM is a cost-effective solution to integrate in your project that provides you reliable correction data in RTCM format in all area covered by L-Band PointPerfect service. No need of internet connection or a base station.

If you are in Europe or Continental North America, L-Band Satellite RTCM OEM enables your RTK receiver with 2cm-4cm CEP accuracy without any additional hardware even in remote areas.

Once you get a PointPerfect subscription, just integrate the L-band RTCM OEM receiver onto your product, upload the credentials and start enjoying high precision GNSS.

SSR (State Space Representations) technology, also called PPP-RTK, provides RTK-like performance over large areas for your RTK receiver. This correction data is provided via L6 band (L-band).

Don't want to spend time on integration? We have ready-to-use Box version:
<https://staging.ardusimple.com/product/l-band-satellite-rtcm-box/>

Good to know:

- This product is compatible with all RTK GNSS receivers in the market supporting RTCM3 format
- This product provides following RTCM messages: 1005, 1033, 1074, 1084, 1230. If your receiver needs other messages, just contact us!
- This product uses PointPerfect service via L6 band (L-band), with accuracy of 2-4 centimeter
- This product doesn't include PointPerfect subscription (L-band plans start at 35\$ per device per month) you can contact u-blox directly if you want to open an account with them or purchase a 1 year license [directly from ArduSimple](#)
- This product supports monthly L-Band keys and also 1 year L-Band keys
- This product provides correction data for GPS and Glonass
- This product doesn't include L-band antenna, which is required to use this product
- This product has an uFL output so you can share the GNSS antenna signal with your RTK receiver.
- The PointPerfect broadcast provides uniform coverage on a continental scale in Europe, the contiguous USA and southern Canada including up to 12 nautical miles (roughly 22 kilometers) off coastlines.



Image Gallery



Documentation

User Guide <https://staging.ardusimple.com/rtcm-box-hookup-guide/>

L-Band Satellite RTCM Box includes free basic technical support. Contact info@ardusimple.com for more information.

Data and descriptions in this document are subject to change without notice. Product photos and pictures are for illustration purposes only and may differ from the real product appearance.