

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)



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://www.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://www.ardusimple.com/rbcm-box-hookup-guide/>

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

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