

PointPerfect L-Band Corrections Receiver NEO-D9S

Includes:

- NEO-D9S module with soldered headers (XBee socket compatible)
- Pigtail uFL to SMA-Male (20cm) so you can share one antenna with 2 receivers



More info about the product!



PointPerfect L-Band Corrections Receiver NEO-D9S SKU is: AS-XBEE-LBAND-NEOD9S-SMA-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

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).

If you are in Europe or Continental North America, and after getting a PointPerfect subscription, just plug ArduSimple PointPerfect Corrections L6 receiver NEO-D9S onto your XBee socket, upload your credentials and start enjoying high precision GNSS.

Good to know:

- This board includes u-blox NEO-D9S
- The product includes an RF-splitter so you only need 1 antenna for both your RTK receiver and the L-band receiver. If you want you can also connect to separate antennas, one for the RTK receiver and another one for the L-band receiver.
- The ZED-F9P needs to receive the SPARTN keys to decrypt PointPerfect at each startup. This procedure can be done via u-center manually. Keys change every 2 months.
- You will need a good L-band (L6) antenna to receive the correction stream like [Calibrated Survey GNSS Tripleband + L-band antenna \(IP67\)](#) or [Lightweight helical GNSS Tripleband + L-band antenna \(IP67\)](#)
- This XBee accessory is only compatible with u-blox ZED-F9P and ZED-F9R boards (simpleRTK2B series). For a compatible version for Septentrio or other third party receivers use the [L-Band Satellite RTCM OEM](#).
- u-blox PointPerfect augmentation service L-Band coverage in all territory marked in orange and up to 20km from the coastline:



Specifications

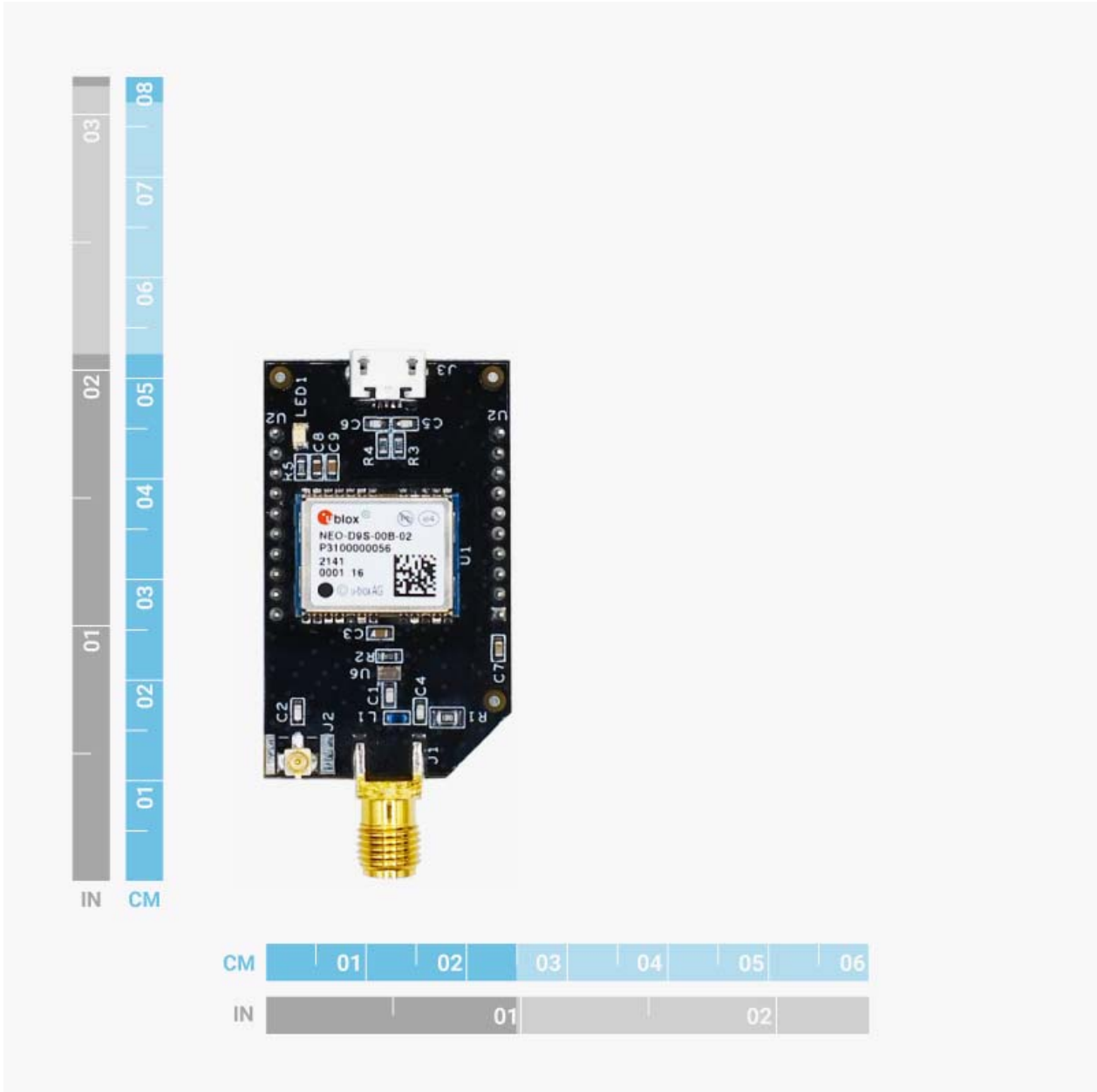
Interfaces:

- UART

Hardware features:

- Voltage supply (VCC): 2.7 - 3.6V
- UART voltage: same as VCC
- Antenna supply: VCC - 0.3V
- Antenna input with SMA connector
- Antenna signal output for another receiver with uFL connector

Image Gallery



Pinout

TOP VIEW

Description	Name	#	#	Name	Description
2.7-3.6V with up to 100mA peak	VCC	1	20		
Data out VCC level	TX	2	19		
Data in VCC level	RX	3	18		
		4	17		
		5	16		
		6	15		
		7	14		
		8	13		
		9	12		
Must connect to GND	GND	10	11	GND	Must connect to GND

PointPerfect L-Band Corrections Receiver NEO-D9S 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.