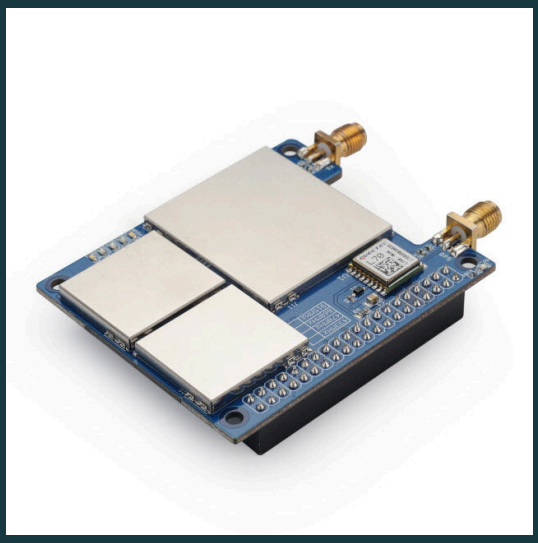
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INDUSTRIAL PRODUCT DATASHEET

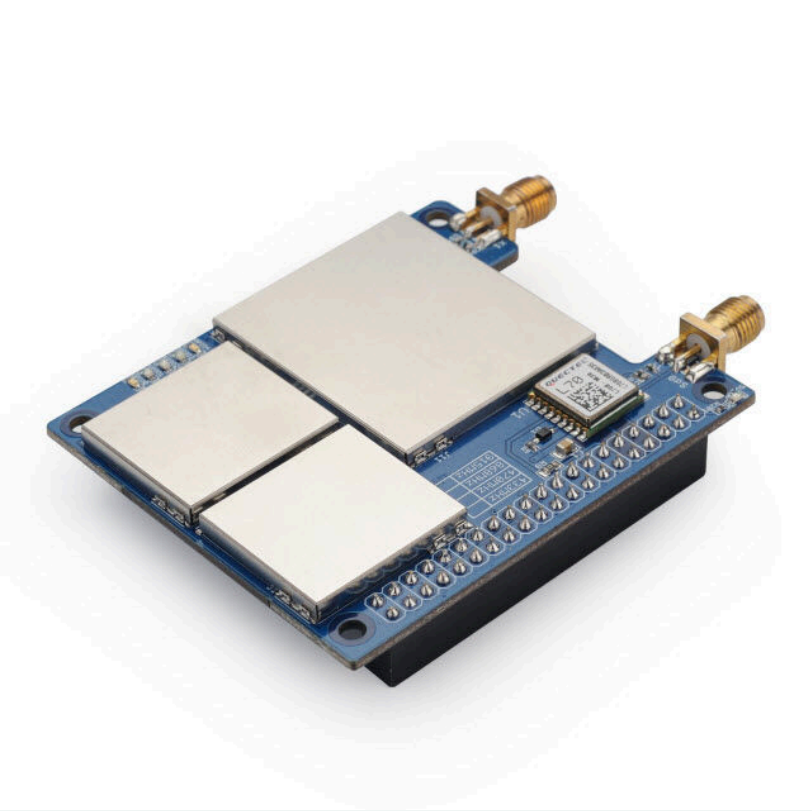
Dragino 10 channels - LoRaWAN GPS Concentrator for Raspberry Pi

The PG1301 is a multi-channelhigh-performance transmitter/receiver designed to simultaneously receive several LoRa packets using random spreading factors on random channels.

SKU	UPDATED	PRICE
113990828	2026-11-11 10:11:51	$129.00(Excl. VAT)



Overview



The PG1301 is a multi-channelhigh-performance transmitter/receiver designed to simultaneously receive several LoRa packets using random spreading factors on random channels.

Key Features

01 Support Raspberry Pi 3B/3B+/4

02 Up to -142.5dBm sensitivity with SX1257 Tx/Rx front-end

03 70 dB CW interferer rejection at 1 MHz offset

04 Able to operate with negative SNR, CCR up to 9dB

05 Emulates 49x LoRa demodulators and 1x (G)FSK demodulator

06 Dual digital TX&RX radio front-end interfaces

07 10 programmable parallel demodulation paths

08 Dynamic data-rate (DDR) adaptation

09 GPS Module to provide timestamp and location info

Product Gallery







Resource Links

- https://www.seeedstudio.com/Dragino-10-channels-LoRaWAN-GPS-Concentrator-for-Raspberry-Pi-p-4481.html
- Datasheet

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