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Evaluación de gateways en el Mercado de acuerdo con el radio elegido.

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| --- | --- | --- | --- |
| Autor | Versión | Acción | Fecha |
| Gustavo Luna | 1.0 | Versión Inicial | 22/Jul/2018 |
| Gustavo Luna | 1.1 | Retro de cliente | 23/Jul/2018 |
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Para en análisis de los Gateway en el mercado utilizando el protocolo LoRaWAN se listan los siguientes dispositivos disponibles en el mercado:

## The Things Network

* [The Things Gateway](https://www.thethingsnetwork.org/docs/gateways/gateway): Following a [successful Kickstarter](https://www.kickstarter.com/projects/419277966/the-things-network) our own LoRa Gateway will soon be available world-wide. At a price of just €300 and with its easy web-based setup, it is the best choice to help build The Things Network.

## Laird - RG1xx

* [Laird RG1xx Series](https://www.lairdtech.com/products/rg1xx-lora-gateway): A cost effective 868 / 915MHz LoRa Gateway with dual band Wi-Fi, Ethernet and BT capabilities. Includes integrated presets for simple, one click configuration for The Things Network.

## Kerlink

* [Kerlink IoT Station](https://www.thethingsnetwork.org/docs/gateways/kerlink): The Kerlink IoT Station was one of the first commercially available gateways, running a Linux OS. Although the software is outdated and will required a trained engineer, it is a suitable industrial solution. Our documentation explains how to connect it to The Things Network.
* [Kerlink iBTS](http://www.kerlink.com/en/products/lora-iot-station-2/wirnet-ibts): The Kerlink iBTS is the successor of the IoT Station. Its hardware and software offer multi-antenna setups, giving more precise device data.

## Multitech

* [Multitech Conduit](https://www.thethingsnetwork.org/docs/gateways/multitech): The Multitech Conduit offers a very good price/quality compromise. It has recent software, with multiple programmation interface (SDK, Python environment…). It comes in multiple models: AEP, mLinux, cellular…
* [Multitech Conduit Access Point](http://www.multitech.net/developer/products/multiconnect-conduit-access-point/): The Access Point is the smaller sibling of the Multitech Conduit. It uses the same hardware components as the Conduit, but offers an SPI interface to the LoRa concentrator, whereas the Conduit interfaced through USB.

## Lorrier

* [Lorrier LR2](https://www.thethingsnetwork.org/docs/gateways/lorrier) is a fully outdoor device intended to establish a wide coverage network by telecommunications operators and local network by individuals or IoT connectivity service providers. Our documentation explains how to connect it to The Things Network.

## Lorix

* [LORIX One](http://lorixone.io/): The Lorix One is an affordable, Swiss-made LoRa gateway. Although we haven’t tested it yet, it seems to offer a performant operating system.

## Lorank

* [Lorank 8](https://webshop.ideetron.nl/LORANK-8): The device is built upon the radio board of IMST and the open source hardware BeagleBone Black.

## AAEON AIOT-ILRA01

* [Aaeon UP](http://industrialgateways.eu/docs/): The AAEON AIOT-ILRA01 is a powerful gateway, running Debian on an AMD64 processor. It’s ideal to run a packet forwarder, and applications on the same machine.

## Cisco LoRaWAN Gateway

* The [Cisco LoRaWAN Gateway](https://www.cisco.com/c/en/us/products/routers/wireless-gateway-lorawan/index.html) is carrier-grade solution suitable for users who have experience with Cisco software, and that are looking for an industrial-grade LoRaWAN gateway. It supports 16 channels, as well as geolocation.

## Gemtek

* Outdoor Gateway
* 64-channels Outdoor Gateway
* Femto Indoor Gateway

## Adaptative Modules

* [L-gateway](http://www.adaptivemodules.com/assets/LoRa/L-Gateway-LoRa-Base-Station-Datasheet.pdf): An outdoor, low-cost gateway.

## Tektelic

* [KonaEdge Pico IoT Gateway](http://www.tektelic.com/konaedge-pico-iot-gateway-spec-sheet/): This gateway is an easy-to-configure gateway, advertised as a plug-and-play pico gateway.
* [Kona Macro IoT Gateway](http://www.tektelic.com/kona-macro-iot-gateway-spec-sheet/): This gateway is a 64 channel LoRa gateway.

**Resultado**

De acuerdo al analisis y la retroalimentación del cliente fue seleccionado el dispositivo

**Cisco LoRaWan gateways**