

DIS-THEREMIN

LONG RANGE

The DIS-Theremin is a powered gateway designed to seamlessly collect data from beacons and transmit it to a backend server using LTE connectivity. It offers worldwide coverage via LTE and GSM/GPRS.



WORLDWIDE COVERAGE

Worldwide LTE and GSM/GPRS coverage



IP67 RATING

Fully protected against dust and capable of withstanding prolonged immersion in water



DUAL ANTENNA

Features Sub-GHz receiver, providing reliable coverage with up to devices supported



UNIQUE IDENTIFIER

This device has an encrypted unique ID-QR code



10G READY

This device is 10G ready

Baseline Functionality

The DIS-Theremin is a versatile and robust gateway designed for seamless integration into various network environments. With advanced capabilities, this powered device excels in collecting, transmitting, and securing data from a wide range of beacons. Below are the key features that define its performance and reliability:

Dual Antenna

Equipped with a Sub-GHz receiver and dual antennas, this device can scan two distinct frequency bands, supporting up to 3.000.000 beacons

Worldwide Coverage

Data collected from beacons can be transmitted to a backend server via LTE. The device is compatible with LTE-FDD, LTE-TDD, WCDMA, and GSM networks across multiple bands, ensuring global cellular coverage

Robust Design

The device is housed in a durable casing with IP67 protection, measuring 120mm x 120mm x 40mm (excluding antennas), offering excellent resistance to dust, water, and harsh environmental conditions.

Global Navigation Support (only when placed outdoors)

Includes GNSS support for GPS, Beidou, GLONASS, GALILEO, and QZSS, ensuring accurate positioning and timing data.