

MIO alerta v2

M2M Signal Explorer

The MIO alerta v2 Signal Explorer is primarily intended for LoRa signal strength surveys, and is usually provided as a pair of devices, with one unit located at the intended position of say a LoRaWAN Gateway, and the other at the intended position(s) of LoRa end node or nodes.

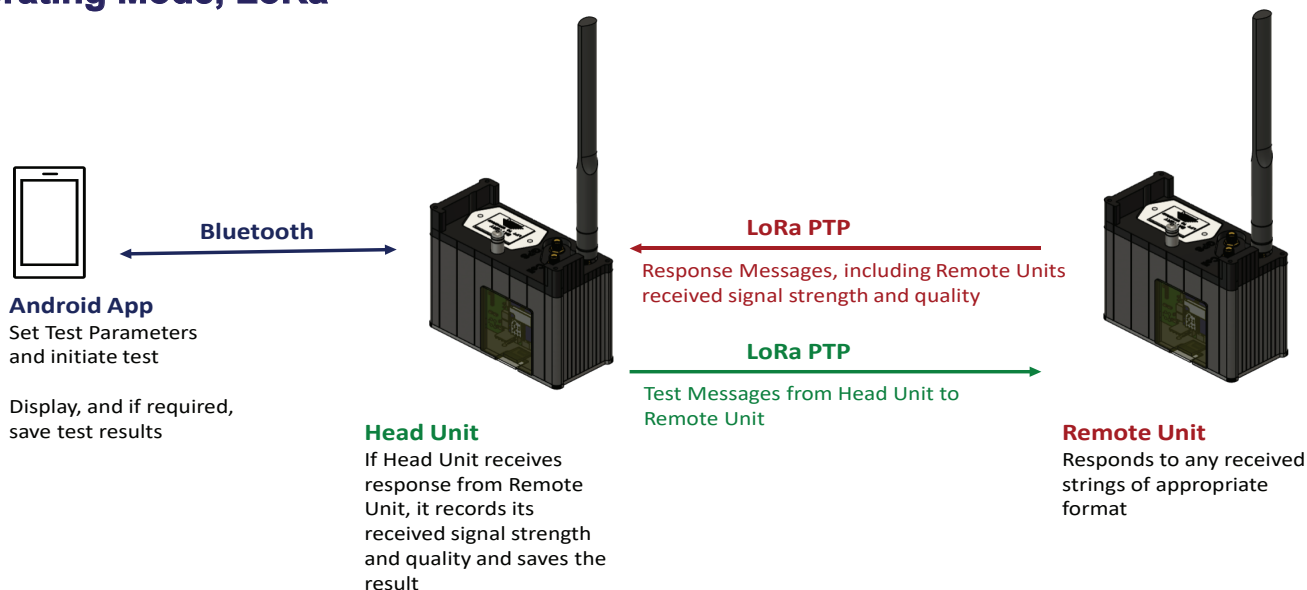
In addition to providing information relevant to LoRa signal strength the device can report cellular signal values for Cat-M and NB-IoT, as long as a suitable working SIM card is fitted.

A key benefit of the solution, is the ability to place the unit with its antenna in the intended location, even if that is in a cupboard, up a mast or other difficult location and then the user can stand in a comfortable place while evaluating either LoRa or Cat-M/NB-IoT signal conditions.



PN: MIO000000007

Operating Mode, LoRa



Main Features



Cellular
Signal Strength



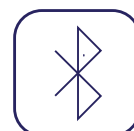
LoRa
Signal Strength



9V Battery
Replaceable



Logs Results
Save to File



Android App
BLE

Cellular Connectivity

LTE module for multi-regional use; Cat M1/NB1 deployed bands: 1*, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26*, 28 (* roaming bands)

LoRa Connectivity

Operating Frequencies: AU815, AS923-1/2/3/4

Operating Mode: LoRa PTP for signal testing, LoRaWAN setup possible, contact Australis M2M

Interfaces

1 x SMA F (Cellular, CatM/NB1oT)

1 x SMA F (GPS, Future Use)

1 x RPSMA F (LoRa)

1 x Bluetooth® stub antenna, for Android App

SIM Size

4FF Nano

Power Supply

9VDC PP3 Battery

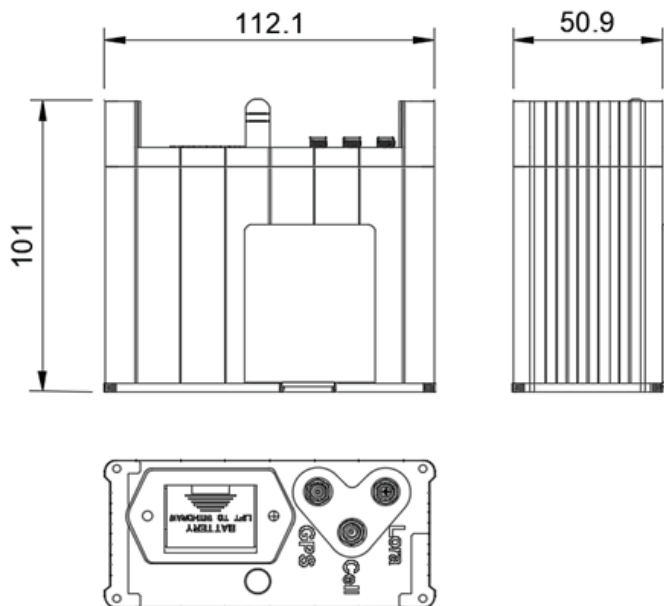
Physical/Environmental

Operating Temperature Range
-20oC to 70oC Non-condensing

Dimensions
112 x 101 x 51mm (DIN Mount Enclosure)



*KIT000000101 with two units
either unit can be "Head End"*



Part Numbers

MIO000000007 Single Unit, CatM/NB1oT plus LoRa if two units purchased

KIT000000101 Kit with two off MIO000000101