

## INS-BlueRead®



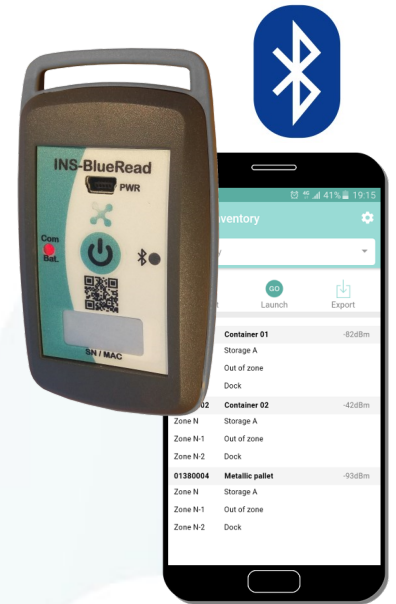
INS-BlueRead® is an access point that offers connection from Bluetooth to Clover-Net®. Directly connected to a PC or a Smartphone, this device allows communication with any Clover-Net® capable device.

Used either as demonstration purposes or as in the field operations, it is constructed in a wearable package to easily bring it in the pocket.

INS-BlueRead can be used jointly with any application tools like INS-Viewer® (on a PC) but especially with INS-Player® Android mobile application on a smartphone.

Its embedded rechargeable battery allow more than 5 work days usage autonomy. Moreover, LED and applicative data indicate the level of energy remaining.

Enjoy Clover-Net® capabilities anywhere.



### INS-Player® application

This Android mobile application allows you to interact with your Clover-Net® enabled devices in the field.

INS-Player® application presents an easy-to-use interface with dedicated screens to actions like device configuration, on-demand data reading and inventories.

Thanks to its customization capabilities by profiles, you can have many use cases that perfectly meet your needs with a user friendly approach. A INS-BlueRead® usage give access to a defined set of profiles.

A profile defines preconfigured buttons, data-reading and inventory commands with their associated dynamic response treatment.

### License

INS-BlueRead® can be associated to an INS-Player® license. This allows to use this flexible application and build use case profiles with INEO-SENSE support team.

### Useful for many actions

#### Commissioning

Configure your devices from storage state to operation in a simple finger press.

#### Inventories & local operation

Device identification, zoning report, on-demand inventories with export file are some of the capabilities we offer with this access point.

#### FW update Over The Air (OTA)

Like any other Clover® enabled modem devices, it can manage FW update by OTA.

#### Maintenance

In the field diagnostics and reconfiguration is made easy and intuitive.

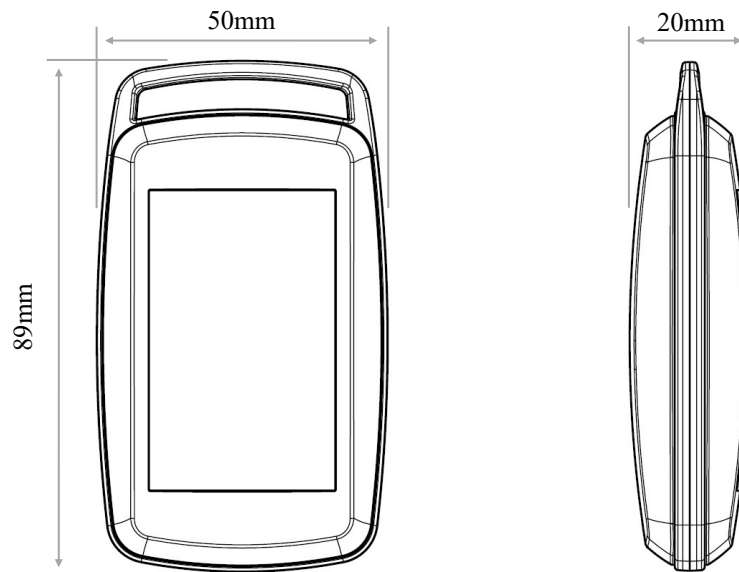
#### LoRaWAN coverage test

LoRaWAN capable, it can be used to operate JOIN and CHECKLINK processes in the field.

## INS-BlueRead® features    INS-Player® features

- Clover-Net and LoRaWAN modem
  - Bluetooth 3.0 and Bluetooth LE
  - Rechargeable Li-on battery (5 days autonomy)
  - Integrated antenna
  - Led indication for RF and Bluetooth activity
  - Robust against interferences
  - Auto response mechanism
  - Periodic sending (Request or Message)
  - Inventory broadcast/Multicast
  - Serial link firmware update or Over The Air (OTA)
- Download free of charge
  - Time limited trial profile
  - Inventory management with export
  - Data Reading
  - Device configuration
  - RF modem configuration
  - Customizable interface by profiles
  - Compatible with all your Clover-Net enabled devices
  - Supports Android from 5.1

### Dimensions



### Order references

Order #	Description
INS-BLT-RD-X89-001	868M/915Hz version
INS-BLT-RD-4XX-001	433MHz version
INS-PLA-AN-XXX-001	INS-Player mobile app license



### Clover-Net generic features

- Transmission range up to 5,000m line of sight, up 500m indoor.
- Real-time 2-way communications: Scheduled transmission, automatic alarms and on-demand reading.
- Robust against physical and electronic interferences.
- Fast event reactivity, huge coexistence ability.
- Low cost for mass deployment
- Auto RTC propagation
- Native triband compatibility (433, 868 and 915Mhz)
- CE & EN 300-220 & FCC 15-247 compliant
- LoRaWAN compatible
- Uses Multi-channel frequencies to avoid collision.
- Dedicated alarm frequency channel.
- Data Encryption by AES 128 with dynamic key mixt
- Includes Full networks services ( Broadcast, Repeater, Mesh, ...)

#### Ineo-sense

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