

INS-BlueRead



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

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

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 remaining power.

This rechargeable access point is built in a wearable casing to allow bringing it anywhere and enjoy Clover-Net capabilities.



INS-Player application

This Android mobile application allows you 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 the need 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 a INS-Player license. This allows using 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 remote device FW update by OTA.

Maintenances

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.

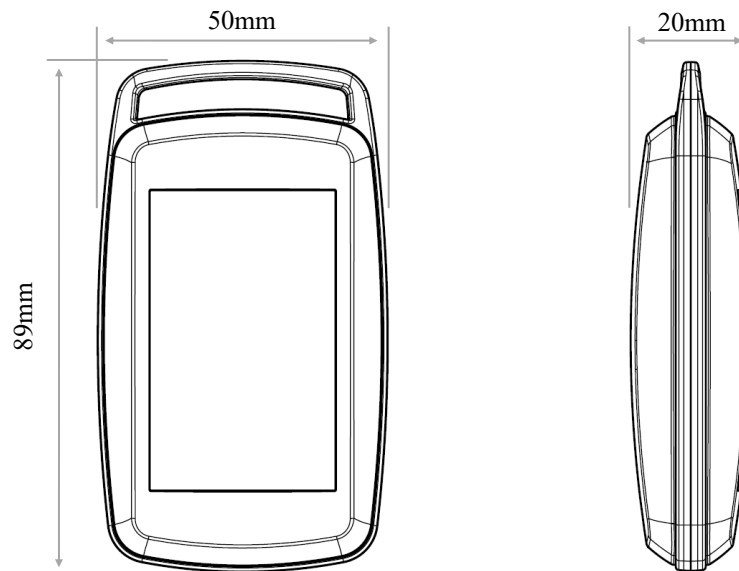
INS-BlueRead features

- 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)

INS-Player features

- 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 three bands compatibilities (433, 868 and 915Mhz)
- CE & EN 300-220 & FCC 15-247 compliant
- LoRaWAN compatible
- Use Multi-channel frequencies and FHSS to avoid collision.
- Dedicated alarm frequency channel.
- Data Encryption by AES 128 with dynamic key mixt
- Include Full networks services (Broadcast with answer, Repeater, Mesh, ...)