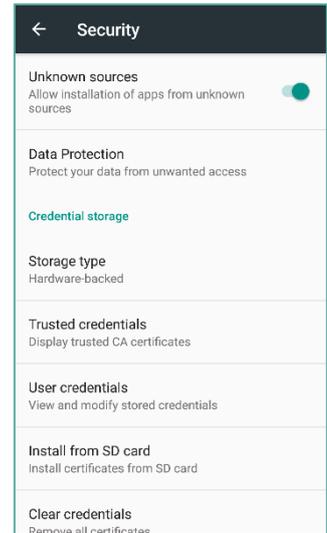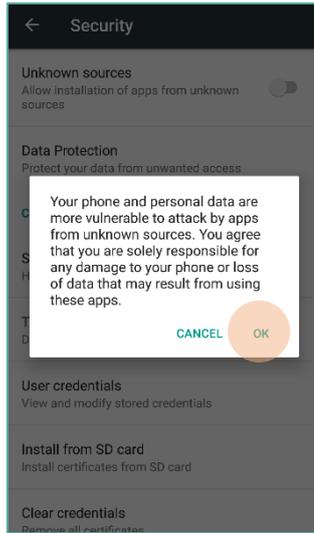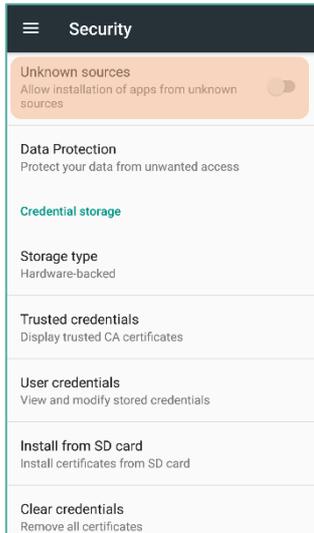# ineo·sense

BRINGING SENSE TO WIRELESS

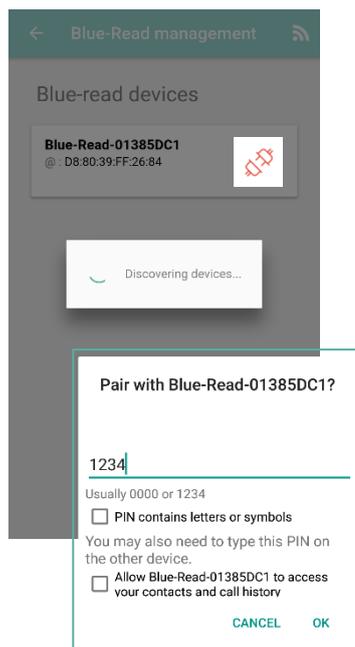# ACS-Report-LED®

DOWNLOAD & INSTALLATION

INS-Player Android app link : www.ineo-sense.com/downloads/INS-Player_v1.apk

You will need to allow installation of apps from unknown sources in security settings of your mobile.


INS-BLUEREAD PAIRING

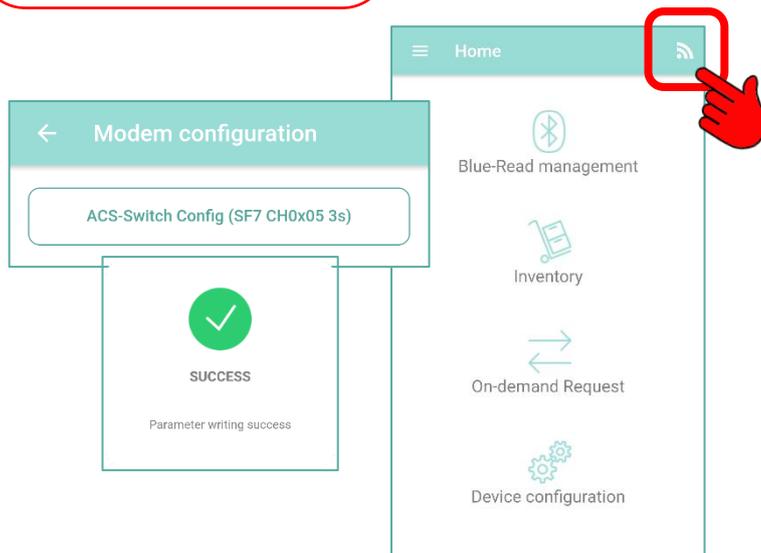First pair your INS-Blueread with your mobile and the app. To do so:

1. Refresh devices list to find your INS-Blueread

2. Click on the connect button of the desired device

3. When asked, enter the Bluetooth pairing code: **1234**

CHOOSE PROFILE AND SETUP INS-BLUEREAD

1. Once connected to the INS-Blueread, you can choose the profile that matches the device you want to setup. You can choose a **basic profile**, with the usual features and commands or an **expert profile**, to go deeper in the device setup.
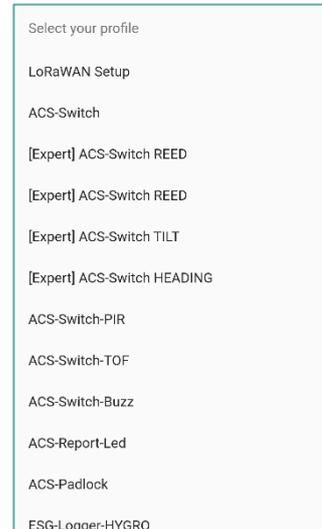
2. *Right after choosing the profile of your device, you need to set up the INS-BlueRead in the right communication mode.*

Select your profile

LoRaWAN Setup

ACS-Switch

[Expert] ACS-Switch REED

[Expert] ACS-Switch REED

[Expert] ACS-Switch TILT

[Expert] ACS-Switch HEADING

ACS-Switch-PIR

ACS-Switch-TOF

ACS-Switch-Buzz

ACS-Report-Led

ACS-Padlock

ESG-Logger-HYGRO

Home

Blue-Read management

Inventory

On-demand Request

Device configuration

Modem configuration

ACS-Switch Config (SF7 CH0x05 3s)

✓

SUCCESS

Parameter writing success

ACTIONS

You will then be able to go through the list of your devices, request their states/ settings and modify them.

Inventory

On-demand Request

Device configuration
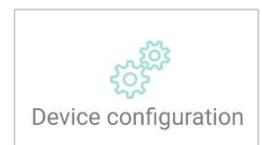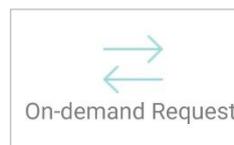
ON-DEMAND REQUEST MENU

After the installation of the INS-Mobile App and when the connection between the sensor and the BlueRead is ready to work, you are able to exchange data with the sensor and configure it.

On-demand Request

This menu allows you to read the following information about the sensor :
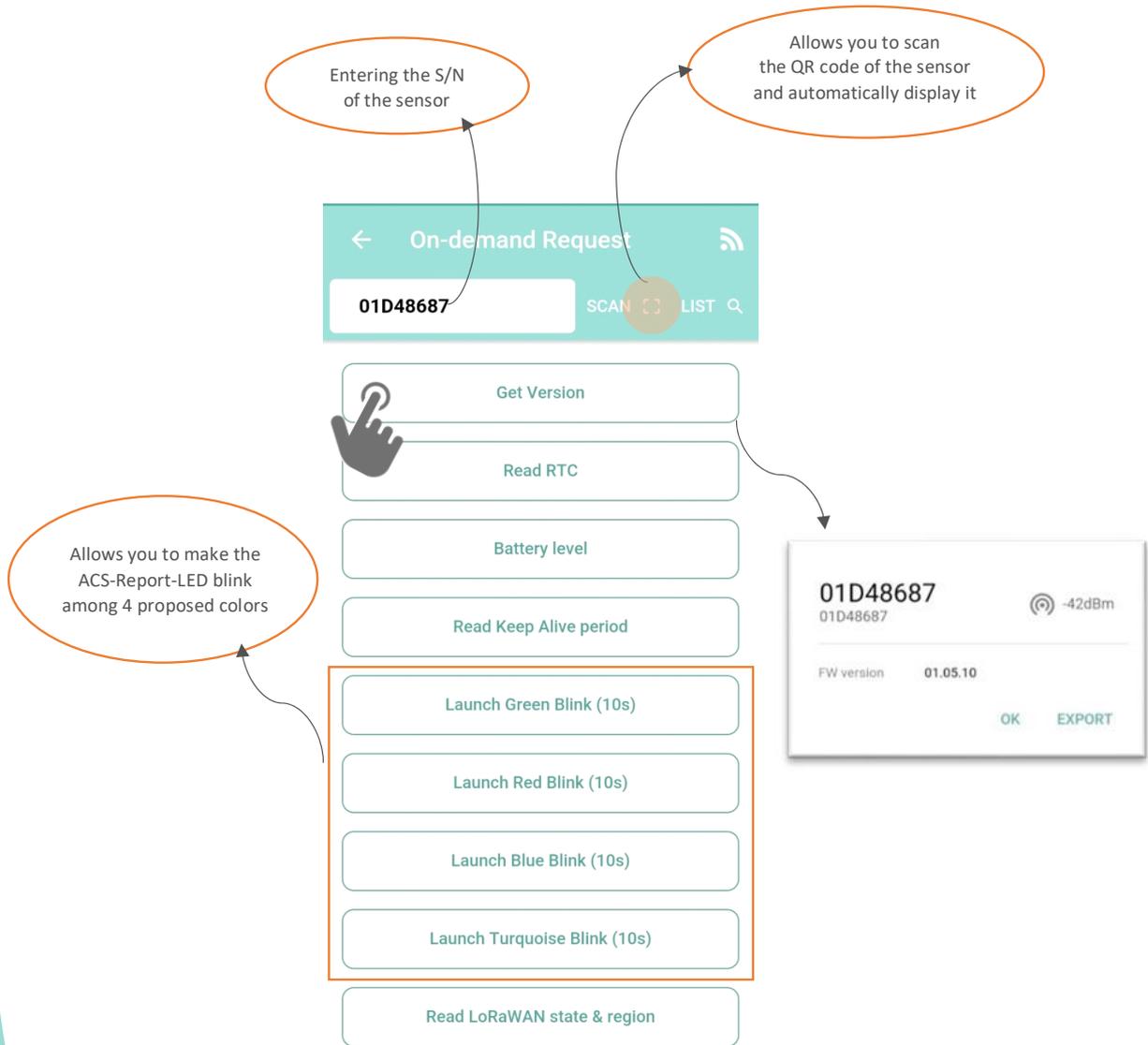
Entering the S/N of the sensor

Allows you to scan the QR code of the sensor and automatically display it

Allows you to make the ACS-Report-LED blink among 4 proposed colors

← **On-demand Request**

01D48687   SCAN [ ]   LIST Q

Get Version

Read RTC

Battery level

Read Keep Alive period

Launch Green Blink (10s)

Launch Red Blink (10s)

Launch Blue Blink (10s)

Launch Turquoise Blink (10s)

Read LoRaWAN state & region

01D48687
01D48687   -42dBm

FW version   01.05.10

OK   EXPORT

DEVICE CONFIGURATION MENU

This menu allows you to send information to the sensor to configure it. For the ACS-Report-LED, you can set up a lot of parameters.
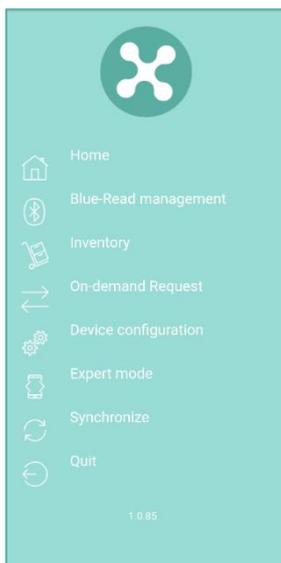
Device configuration

Device configuration

01D48687   SCAN   LIST

Set RTC (GMT)

Set Keep Alive period

Launch LoraWAN Join

Send Keep Alive frame

Send LoRaWAN Uplink

Presence Period (Value multiple of 30s | 72h max) [2 bytes]

0B40

CANCEL   SEND
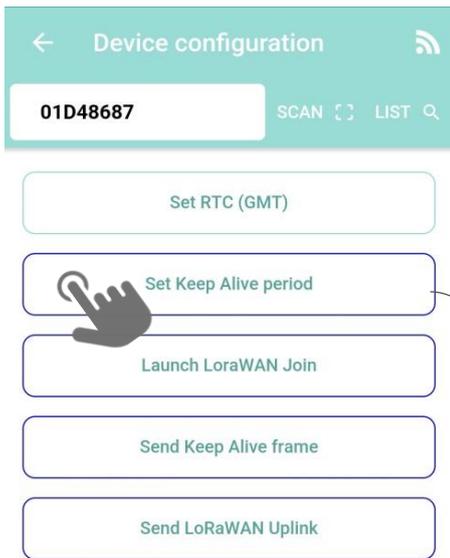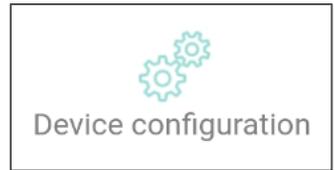
As you can see above, the value to be filled in is a multiple of 30s in hexadecimal format.
If we want to set the Keep Alive period to 1 Day :

24*3600 = 86400s

86400: 30 = 2880

2880 => 0B40

APPLICATION UPDATES AND SPECIAL MODE

Home

Blue-Read management

Inventory

On-demand Request

Device configuration

Expert mode

Synchronize

Quit

1.0.85

Synchronize

When it is necessary and requested by INEO-SENSE support, you can update and synchronize your mobile app to discover new features and new buttons to achieve your settings.

Expert mode

An EXPERT mode is also available to compute your own requests and commands.
→ *Refer to Technical Documentation and INEO-SENSE support*

Blue-Read-01385EF4

Pre-set frame

010402011E010101020201

CLEAN ✕   LAUNCH

13:54:17:399 - Tx :
FF01662100010c010402011E01010102020104
13:54:21:160 - Rx : FF 01 AC 34 00 01 2F 01 03 82 0F 00
CC 00 00 00 1C 45 00 01 D4 7F 0F 01 00 33 81 10 33 43
01 04 00 10 2B 43 02 02 04 51 01 01 03 00 00 00 01 43 0A
0A 04 17 02 00 04