1. INSTALLATION

The NFC loggers used in this solution are already integrated with the isothermal boxes manufactured by Emball'iso, so that they do not require any specific integration while measuring both outside and inside temperature.

2. ENABLE NFC AND DOWNLOAD THE ANDROID APP

Go into „Settings" on your Android smartphone and enable NFC (in the same category as Bluetooth). You can check the following link to see if your smartphone is equipped with NFC: http://www.nfcworld.com/nfcphoneslist/. Once NFC is enabled, simply place the back of your smartphone (around the middle) on the scanning place. You will automatically be redirected to download our Android app Blutag on Google Play.
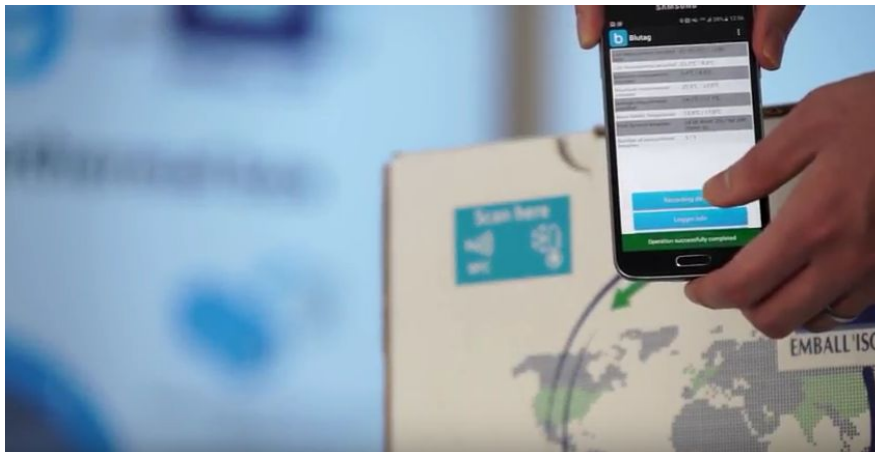
3. OPEN THE APP AND CREATE A NEW PROFILE

Open the Blutag app and place your smartphone again on the label "Scan here". You will be directed to the main page where you can access information about the logger. From this page, go in the top menu and press on „Manage profiles" or the spanner icon. This section will enable you to create and modify profiles based on chosen fields (e.g. product description, tracking number, name of recipient) with default values and to create your own fields. There are two default profiles available. Once your profile is saved, you will be able to use it for all your recordings.
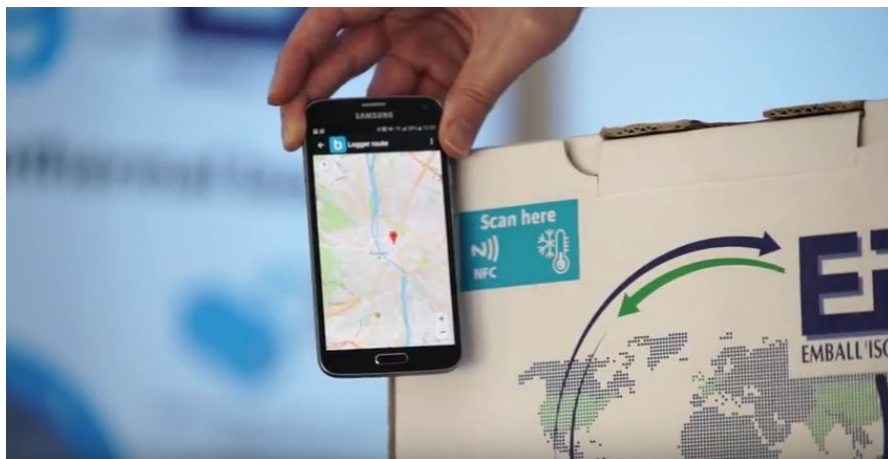
4. CONFIGURE AND START A RECORDING

Go back to the main page and press on the button „Start recording". Choose the right profile and fill in the specific values such as the measuring frequency, temperature limits, and diode activation thresholds. You can choose the option to start the recording manually. Just press then on „Start new recording" to confirm and place the smartphone on the scanning label.

5. READ THE DATA AND STOP THE RECORDING

If a new user has to do this step, simply repeat step 2. Once the Blutag app is open, position your smartphone next to the logger. You will be first asked if you want to upload data automatically to your cloud account by indicating your login details of your

BluConsole account (contact us to get your free cloud account). You will then be directed to the page containing summary information about the current recording, and the PDF report will be automatically downloaded (provided your phone is connected to the Internet). Click on „Recording details" to access logistics details, the temperature graphs (one for each of the temperatures: inside and outside depicted with two different colors) and press the top right button to access GPS localizations. You can finally stop recording by pressing on „Stop recording".

6. STANDARDS

Blulog's integrated loggers comply with the HACCP and GDP standards.

7. WARRANTY

36 months warranty under the following conditions.
Damage caused by the following is excluded from the manufacturer's warranty:
- Use contrary to the intended purpose
- Lack of care, accidents or normal wear
- External influences (e.g. damage during transport, damage caused by vibration, excess heat or acids)

This warranty expires if:
- The ID number of the product is changed, removed or made illegible
- Repairs or modifications are undertaken by third parties or unauthorised persons

8. SAFETY INSTRUCTIONS

- Only use the product properly, for its intended purpose and within the parameters specified in the technical data
- Do not try to open the devices and/or use force

9. TECHNICAL DATA

Temperature scale:	°C
Temperature range:	-40 °C to +60 °C
Measurement interval:	10 sec to 2 hours
Memory capacity:	2592 measurements for each temperature (inside and outside)
Resolution:	0,1°C
Average accuracy:	0,4 °C
Dimensions:	
Weight:	
Protection class:	IP67
Time:	UTC
Equipment needed:	NFC
Period of validity:	
Autonomy of battery:	3 years *
Probe parameters:	1 m length 4-wire cable (1x5 mm), 7x2 mm sensor