

Blue LITE TOUCH

New configuration for a better usage

1. *MAIN FEATURE:*

Improvement of Blue LITE TOUCH's configuration to offer better usage of its button features. The new configuration will be based upon iBeacon protocol

2. *REASON FOR PRODUCT CHANGE*

In the scope of continuous improvement of our products, a new configuration of our Blue LITE TOUCH has been defined to better match its main use cases like driver identification, people safety, call button, ...

This new configuration will be based upon new or modified features below:

1. **The BLE frame emission is done in the iBeacon format, and the button-clicking information is coded in the last Low-byte of the UUID (16th byte)**
 - When the button status is “clicked”, the corresponding value is 0x01
 - When the button status is “released”, the corresponding value is 0x00
 - By default, the first 15 bytes of the UUID and the MAJOR ID have a fix value. The Minor ID is used to create series of tag individual names, so it is incremented with the series of produced tags.
2. **The click on the button is secured by an antibounce system: the pressure on the button must be maintained for at least 750ms before the click is taken into account by the device.**
3. **As feedback information, the tag LED blinks to acknowledge the clicking.**
4. **To make sure that the Gateway, smartphone or tracker duly receives the BLE information, the “clicked” button state is memorized for 5 seconds.**
5. **During the “clicked button” time, the emit period is by default accelerated to 500 ms. When the button state is “released”, the emit period is slower to save on battery life, configured at 10 seconds.**

Few settings can be customized through our Custom Settings service (TAG SET02) : the first 15-byte part of UUID, the MAJOR ID, the minor ID, the emit periods for “clicked button” and “released button” states.

3. AFFECTED PRODUCTS

<i>PRODUCT END OF LIFE NAME</i>	<i>PRODUCT PREVIOUS REFERENCE</i>	<i>NEW PRODUCT REFERENCE</i>	<i>REMARKS</i>
BLE RANGE			
Blue LITE TOUCH	IDF28255-01A	IDF28255-02A	

4. SCHEDULE

Production: All the new products listed above can be ordered from **February 03rd, 2025**. The old reference won't be orderable, the new configuration being the reference from now.



Customer information: please note that, according to our CRM system, our offers built from our current CRM system will use the old reference IDF28255-01A for a temporary period before switching the new reference IDF28255-02A. However, the order acknowledgements, the delivery notes and the invoices will correctly use the new reference IDF28255-02A.

Montpellier, **January 20th, 2025**
Pierre BONZOM
CEO

