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**Operating manual for
environmental devices**

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Procedure for replacing batteries and inserting Sim card in Ijinus sensors and loggers



1. Procedure for inserting the SIM card :

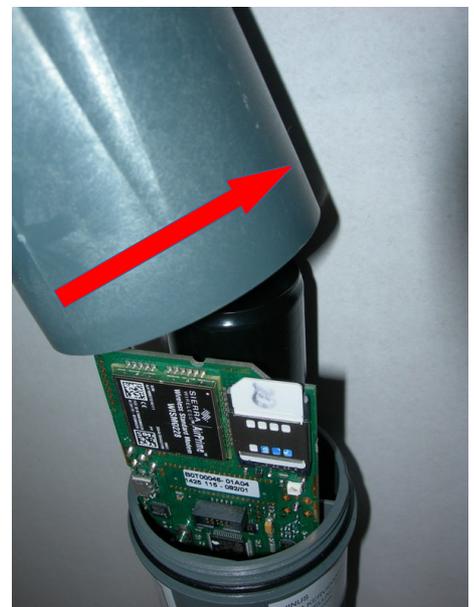
"The device contains components that can be damaged or destroyed by electrostatic discharges. Unload the body from electric charges before opening and handling the device. To do so, touch a grounded surface, such as the metal casing of an electrical cabinet.

Our sensors and loggers with modem GSM/GPRS/3G need a SIM CARD to work.

The card holder is located on the modem daughter board.

Following steps **need to be respected** to ensure proper operation of the device :

- The sensor must be in standby mode (no connection with our software Avelour or USB) for the modem to recognize the sim card
- Unscrew the gray cover.
- It is imperative not to leave the sensor open too long (max 2 min) the desiccant bags may absorb too much moisture and do not fulfill their role thereafter (condensation)
- Insert the SIM card (beveled edge side up). Before closing the cover lid, preload the antenna cable by unscrewing of a turn. Place the cover on the threads and screw to the stop.



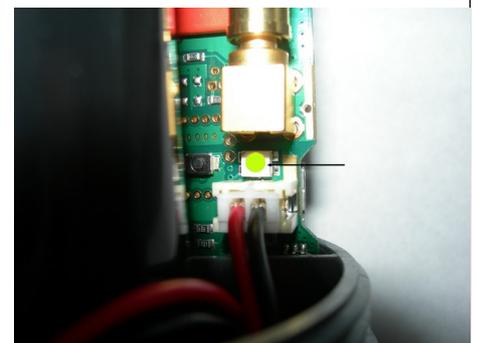
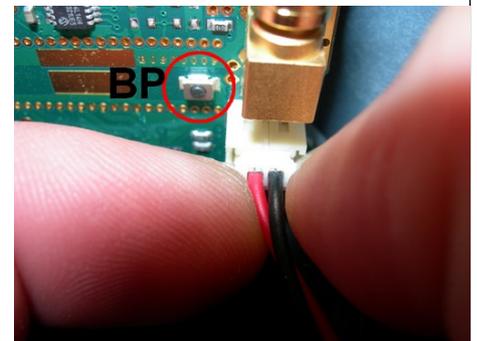
2. Procedure for changing the battery :

- Unscrew the gray cover and disconnect the antenna cable.
- Remove the battery from its housing and disconnect. Press several times on the push button until the LED does not light up. throw away the desiccant bags present in the sensor if they are green)
- Connect the new battery (the connector is keyed)

Press the push button SW1 to restart the sensor

**At restart, the indicator light has to flash Red/Green,
then the light has to flash every 10 seconds**

- **Insert the the new desiccant bags** on the side of the battery, reconnect the antenna to the connector until you hear a click, then screw the cover back into place.



**Replacement batteries should not be subjected to temperatures above 25 ° C
(degradation of their capacity).**

**In the event that spare batteries has to be stored for several weeks, it is advisable to store
them upright in a cool place (eg refrigerator).**