QUICK START STEPS

Register Device

Login to Sigfox Backend.

Click New device.

Create new device using the Device ID, PAC and your selected device type.

Set Downlink

Edit the selected device type.

Select DIRECT downlink mode and update the downlink data in hexa.

Select "Custom grammar" for payload parsing and use "Occupied::bool:7 Keep-Alive::bool:0 Reset::bool:1 No_Beacon::bool:2 Radar::bool:3 Obstruction::bool:4 Good_Battery::bool:5 Temperature:1:int:8 Parking_ID::uint:8 DEFx::int:8 DEFy::int:8 DEFz::int:8 Bx::int:8 By::int:8 Bz::uint:8 Fault_Code::uint:8 Obst_Val::uint:8 D/Reflect::uint:8" for custom configuration

Install

Select your desired location.

Bolt down the device with the bolts provided OR drill a hole in the ground for flush version.

Correct location of mounting the TEKZIPARK sensor for optimum performance.

Parking spot 1

Parking spot 2
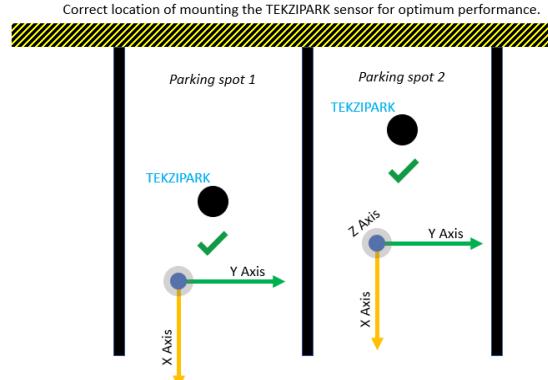
Magnetic Reset

Place a strong magnet over the device.

Wait for the reset message to appear in the device messages screen.

Wait for the downlink to finish. Device is now operational.


Downlink Success

Vacant state Message

Reset Message
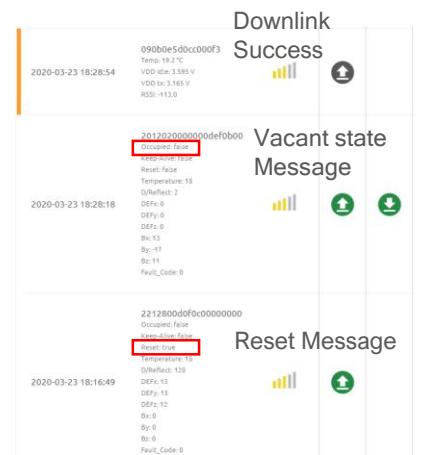
By default the device starts in debug mode, so that it is able to send sensor parametric information to help visualize device behaviour. Debug mode can be disabled via configuration of the device via a downlink message.

QUICK START STEPS

TEKZITEL provides a miniature visualization utility that can help you to see the parking spot usage where the evaluation devices are installed. This can help as a showcase for customers.

The visualization is at https://tekzitel.com/dashlanding.
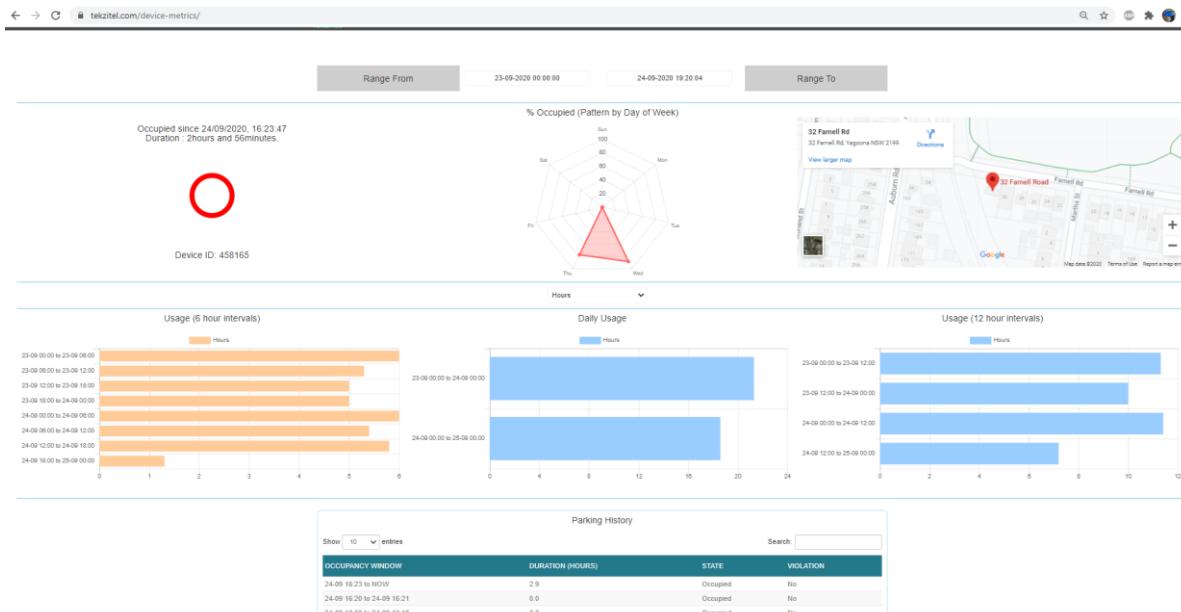
In order that you can utilise the above feature, a callback needs to be created for the device type under which the evaluation devices are registered as below.

1. Create a custom callback on the Sigfox backend
2. In Custom Payload Config enter -> *Occupied::bool:7 KeepAlive::bool:0 Reset::bool:1 No_Beacon::bool:2 Radar::bool:3 Obstruction::bool:4 Good_Battery::bool:5 Temp:1:int:8 Parking_ID::uint:8*
3. In URL pattern enter -> *https://tekzitel.com/test.php*
4. HTTP Method -> *POST*
5. Content type -> *application/json*
6. Body

```
{
    "data"          :"{data}",
    "time"          :"{time}",
    "sensor_id"     :"{device}",
    "seqNumber"     :"{seqNumber}",
    "occupied"      :"{customData#Occupied}",
    "reset"         :"{customData#Reset}",
    "keepAlive"     :"{customData#KeepAlive}",
    "No_Beacon"     :"{customData#No_Beacon}",
    "Radar"         :"{customData#Radar}",
    "Obstruction"   :"{customData#Obstruction}",
    "Good_Battery"  :"{customData#Good_Battery}",
    "Parking_ID"    :"{customData#Parking_ID}"
}
```