LZR® SIGMA
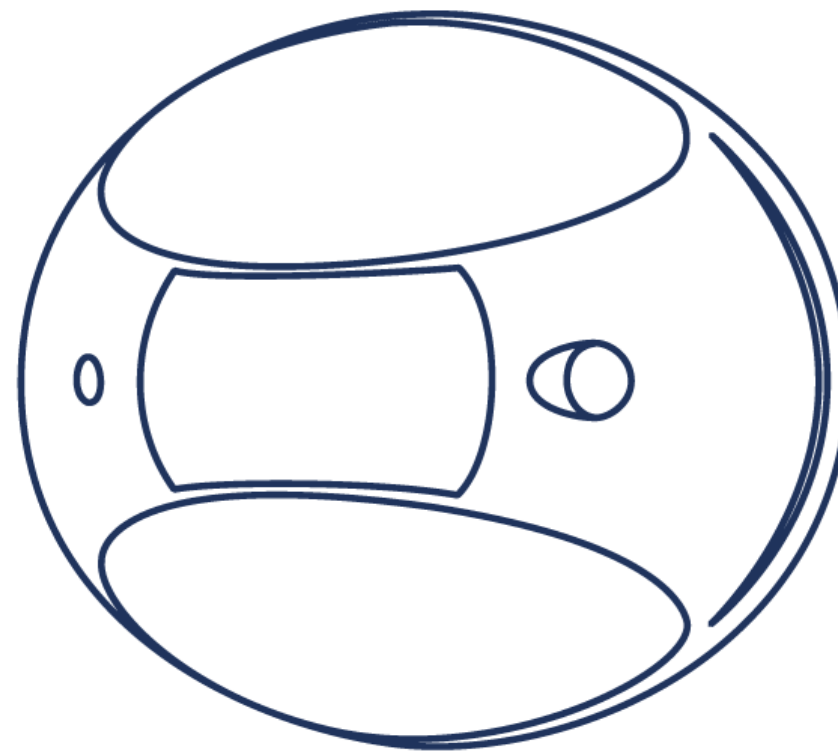
Guide : Keep your SIGMA operating
without SENSORIO.COM

Connect your Sensor to an Ethernet Network

PoE

OR

POWER SUPPLY + ETHERNET

Connect to SIGMA Webserver using the sensor IP address

SIGMA

https://192.168.1.2

| Device | Network | Data Push | Counting Algorithm | Diagnostic | Live Counting | System ▾ | Language ▾ |

Sensor Name ⑦   Peco_1

Comment ⑦   FirstInstallation

Counting Direction ⑦   A Dir = IN

Usid   H12345

Soft Version   H12345

Can Number   12345678

Config Number   42440904

Save

Default static IP address [1]
192.168.1.2

Username
device ID
(see tags on the device)

Password [2]
password

[1] Note that the sensor static IP might have been changed by the installer or DHCP might be active. In such case, the IP of the sensor can be retrieved using an IP scanner on site or through Sensorio.com if the sensor is still connected to the internet.

[2] It's recommended to change the password at initialization for security reasons

Stop SIGMA communications with BEA Services (Sensorio & App)
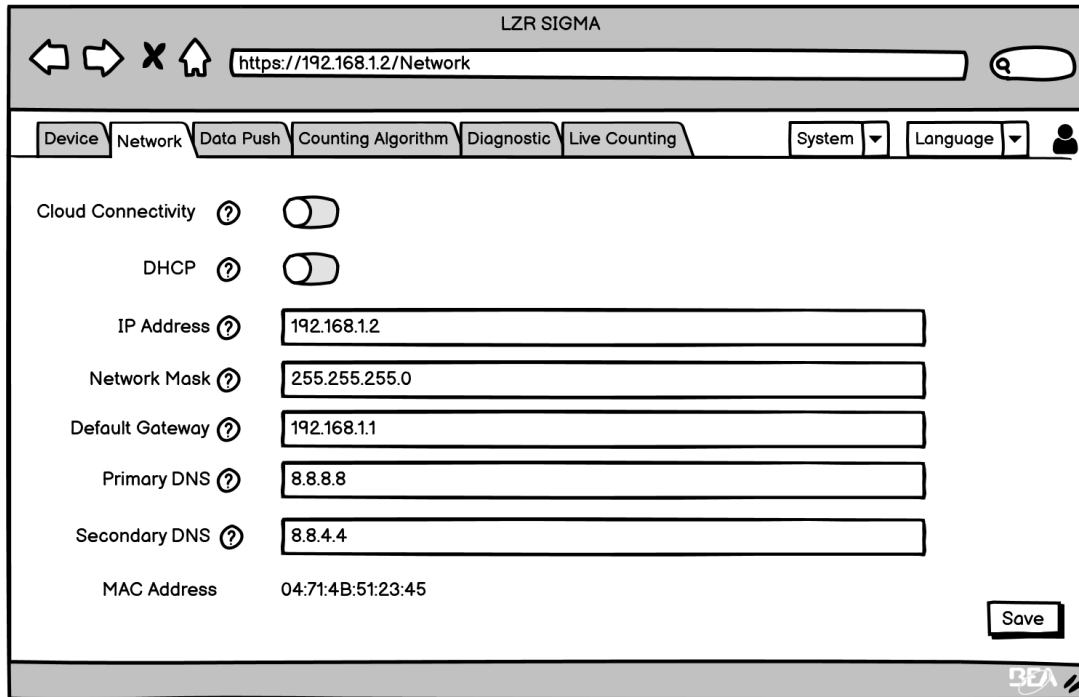
Cloud Connectivity

By default, this parameter is ON. To disconnect SIGMA from BEA Services, you must put the Cloud Connectivity parameter on **OFF**
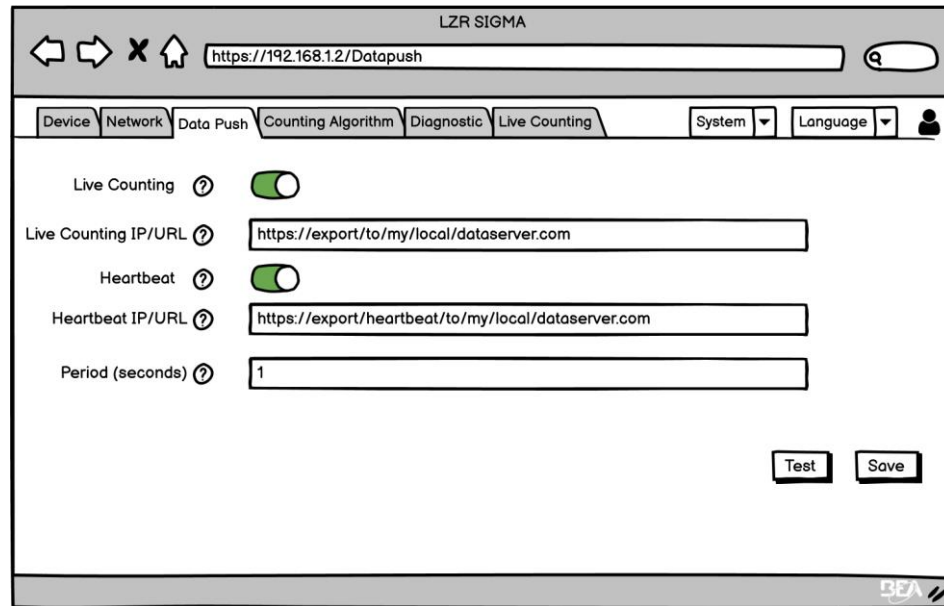
DHCP

DHCP can be activated

MAC address

SIGMA mac address always starts with 04:71:4B:5**X:XX:XX** where X are the last 5 digits of a sensor serial number H**12345**

To collect the counting data, a datapush agent must be configured

Live Counting

Must be turned ON. If OFF no data are sent.

Live Counting IP/URL

Define the IP address to which the data will be posted by an **HTTP(S) POST** method every time a counting data is recorded[1]. Enter your server credential directly in the URL[2].

Heartbeat

If monitoring is needed, a heartbeat message can be pushed at a regular frequency.

Save[3]

Always save once the configuration is done

JSON format [4]

```
{
  't': 123000,
  's': "H12345",
  'm': "04:71:4B:51:23:45",
  'a': 2,
}
```

[1] Data are sent to the server with a min response time of 1 sec. "0" count are not sent.
[2] https://username:password@dataserver.com/File_directory
[3] The TEST button can be used to verify that SIGMA is able to reach your server
[4] 'a' –for adults in A direction, 'ac' –for children in A direction, 'b' –for adults in B direction, 'bc' –for children in B direction. If one of those ('a', 'ac', 'b', 'bc') , is not present in the data message, it's because no count has been computed for it. "t" = unixtime since the sensor booted not the time at which the count was registered. Use the time of your server to associate the count with a time period.

Before leaving the premises, always verify the counting accuracy using the live count feature
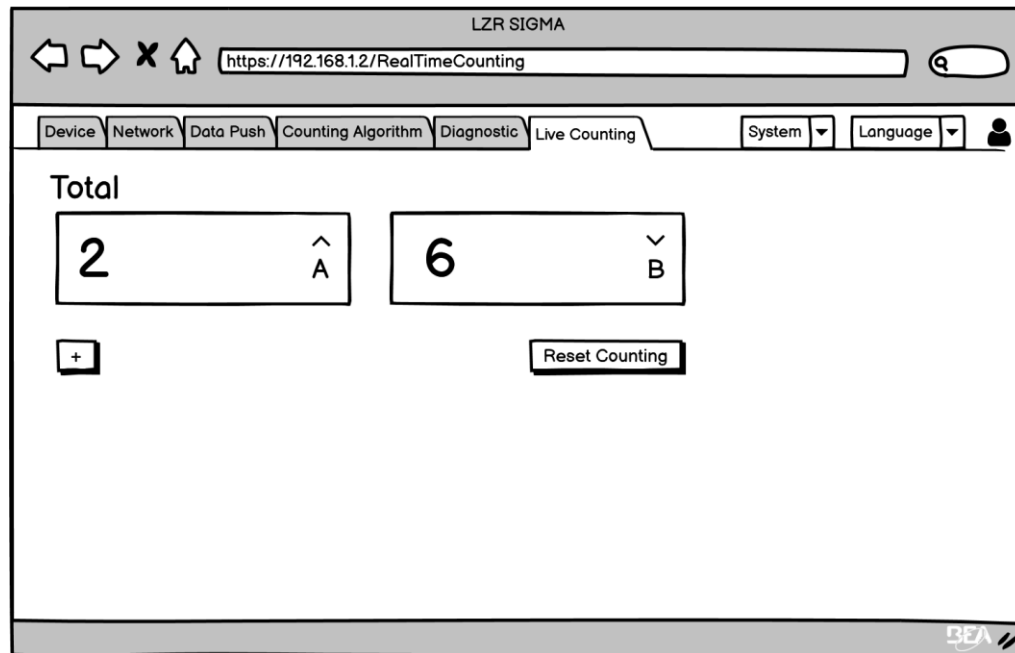
A

Counter in the A direction

B

Counter in the B direction