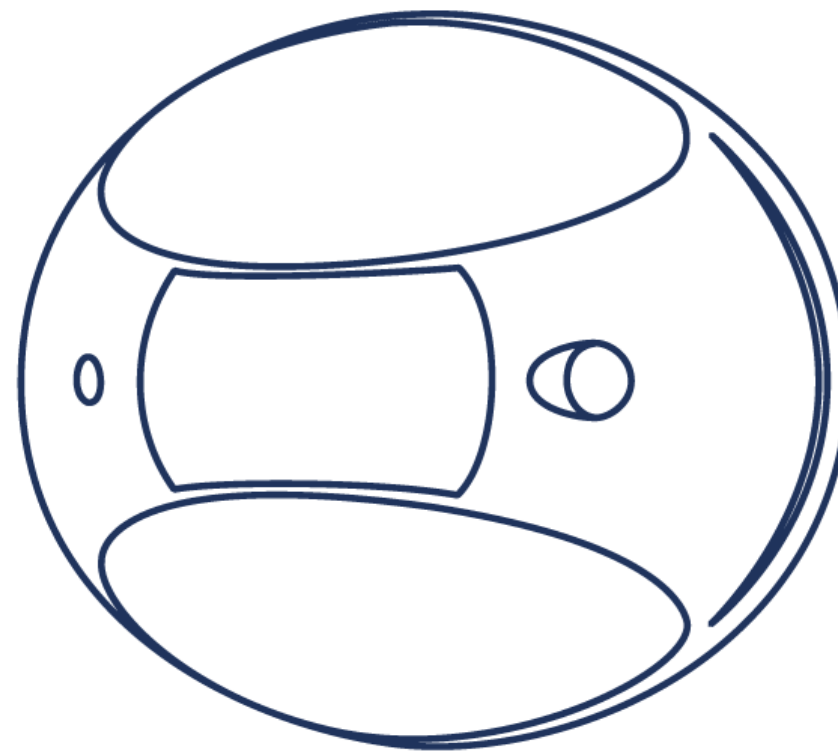


LZR<sup>®</sup>  
**SIGMA**

Guide : Keep your SIGMA operating  
without [SENSORIO.COM](https://www.sensorio.com)



## Connect your Sensor to an Ethernet Network



OR



PoE

POWER SUPPLY  
+ ETHERNET

## Connect to SIGMA Webservice using the sensor IP address



Default static IP address<sup>1</sup>  
**192.168.1.2**

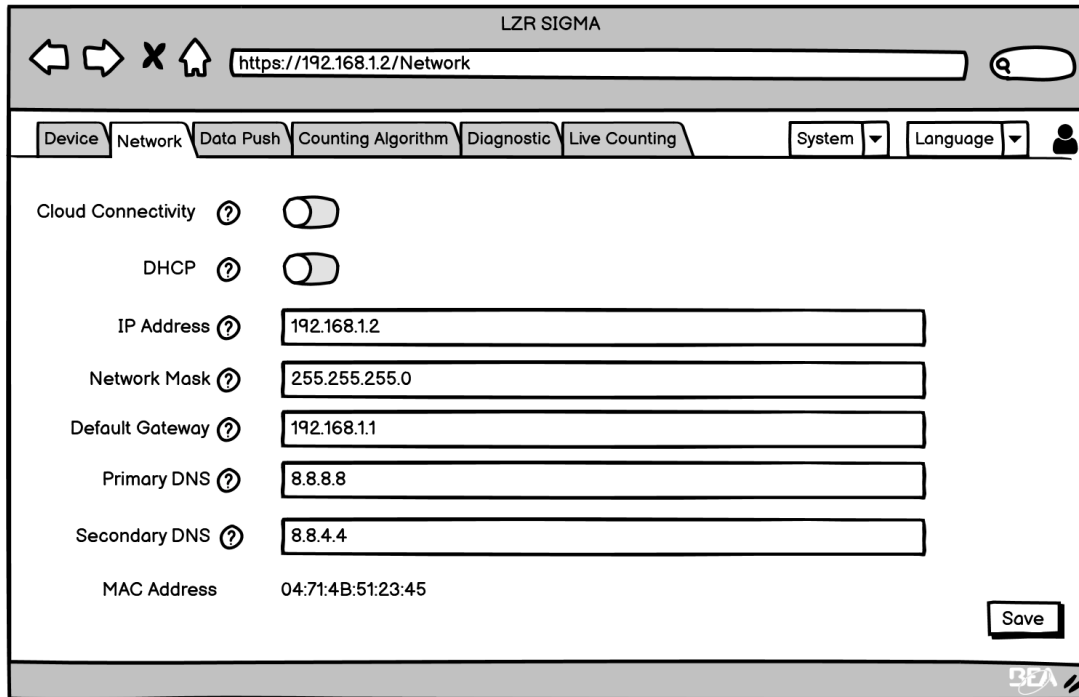
Username  
**device ID**  
(see tags on the device)

Password<sup>2</sup>  
*password*

<sup>1</sup> 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.

<sup>2</sup> 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

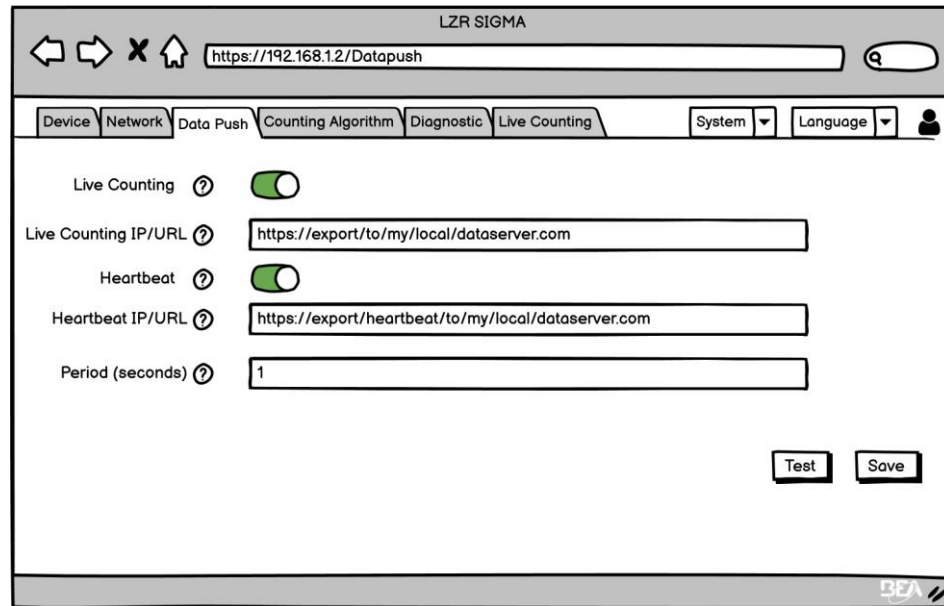
#### DHCP

DHCP can be activated

#### MAC address

SIGMA mac address always starts with 04:71:4B:5X:XX:XX where X are the last 5 digits of a sensor serial number H12345

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<sup>1</sup>. Enter your server credential directly in the URL<sup>2</sup>.

### Heartbeat

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

### Save<sup>3</sup>

Always save once the configuration is done

### JSON format<sup>4</sup>

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

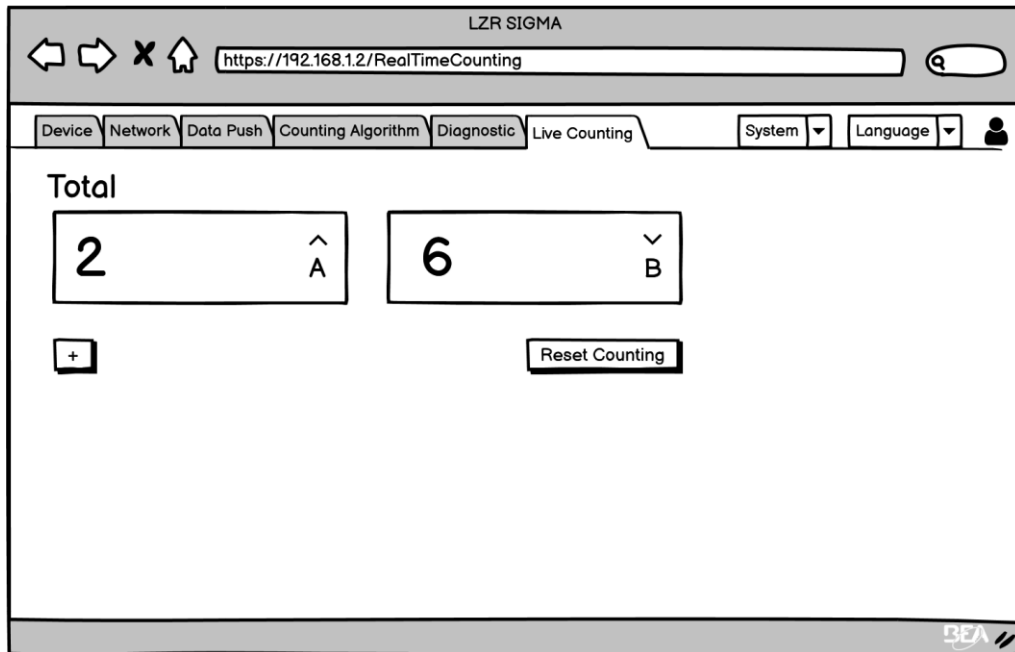
<sup>1</sup> Data are sent to the server with a min response time of 1 sec. "0" count are not sent.

<sup>2</sup> https://username:password@dataserver.com/File\_directory

<sup>3</sup> The TEST button can be used to verify that SIGMA is able to reach your server

<sup>4</sup> '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