

# sSquare

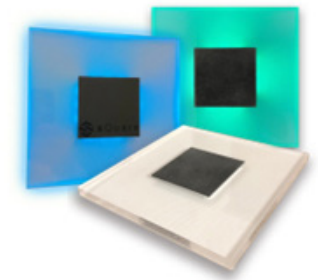
## Emotional IoT Assistant

Wall device equipped with RGB led and designed to give environmental information, such as meeting rooms occupancy, temperature, humidity, etc, referred to a circumscribed area. Through BLE, sSquare advertises area's ID, receiving back messages about the configured environmental parameters.

sSquare is seamlessly integrated into the mesh network (it can be connected either by ethernet cable - or POE - or as a Wi-Fi STA and operated as gateway, publishing messages to MQTT.

It can show - in traffic-light-mode - closed areas occupancy: if the number of people within a room/area reaches or exceeds the maximum number of people allowed in (configurable for each room), the device placed at the entrance fo the room changes light color as configured.

### IoT DEVICES



| Product Features              |                                                              |
|-------------------------------|--------------------------------------------------------------|
| <b>Product Code</b>           | 50.100004.001                                                |
| <b>User Interface</b>         | LED                                                          |
| <b>Power Supply</b>           | Micro USB 5V (Class III) with AC-DC or POE 5V                |
| <b>Power Supply Frequency</b> | 50/60 Hz                                                     |
| <b>Front Frame</b>            | Transparent PMMA + laser dotting on white colored background |
| <b>Light Source</b>           | Led RGB WS2812b                                              |
| <b>Connectivity</b>           | WiFi, BLE, LAN 10/100                                        |
| <b>Wi-Fi Protocol</b>         | 802.11 b/g/b/d/e/l/k/r                                       |
| <b>Wi-Fi Standard</b>         | FCC/CE/TELEC/KCC                                             |
| <b>Wi-Fi Frequency range</b>  | 2.4GHz - 2.5GHz                                              |
| <b>Operating Temperature</b>  | -10°C - +50°C                                                |
| <b>Security</b>               | IP20                                                         |
| <b>Size</b>                   | 180x180x45mm                                                 |
| <b>Warranty</b>               | 1 year                                                       |
| <b>Certifications</b>         | CE , ROHS                                                    |

