

# sGate Indoor

## Wi-Fi BLE Gateway

# IoT Infrastructure



sGate is a WiFi-BLE network gateway. It works as BLE Observer and WiFi STA sending MQTT messages.

sGate provides Edge Computing capabilities, it receives the BLE signal from the sensors, and transmits it to the server, in MQTT, via Wi-Fi. The device is also the key for locating services, collecting data from the tracking sensors and sending their position to the server.

Equipped with a LED visual interface, sGate Indoor adjusts the displayed color depending on device's status, on environmental parameters, or on pre-set alerts.

### Product Features

<b>Product Code</b>	50.100004.022
<b>Tag detection</b>	Detection up to 30 meters (BLE and WiFi 2,4GHz)
<b>Power Supply</b>	Micro usb 5V with AC-DC
<b>Power Supply Frequency</b>	50/60 Hz
<b>Receiver Sensitivity</b>	Noise Suppression Receiver (NSR)
<b>Communication</b>	BLE + WIFI 2.4 GHz (2400 ÷ 2483,5 MHz)
<b>Antenna</b>	On circuit Gain 2dBi – 802.11 b/g/n
<b>Internal memory</b>	4 MB
<b>Wi-Fi Security</b>	Open, WEP, WPA, WPA2
<b>Supported Protocols</b>	IP, TCP, UDP, ARP, ICMP, HTTP, DHCP
<b>Operating Temperature</b>	-10°C ÷ +50°C
<b>Protection</b>	IP20
<b>Size and weight</b>	85x78x8 mm - 38 gr
<b>Warranty</b>	1 year
<b>Certifications</b>	CE (EMC, EMF, RoHS), FCC (pending)