

# sGate Outdoor RUGGED Gateway

## IoT INFRASTRUCTURE

sGate is a Wi-Fi-BLE network gateway. It works as BLE Observer and Wi-Fi 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.

For outdoor environments, the device has a waterproof shell and can be positioned on a pole.



Features	
<b>Product Code</b>	50.100004.017
<b>Tag Detection</b>	Detection up to 60 meters (BLE and Wi-Fi 2.4GHz)
<b>Power Supply</b>	Input 120-240V Internal power supply AC/DC
<b>Receiver Sensitivity</b>	Noise Suppression Receiver (NSR)
<b>Communication</b>	BLE + Wi-Fi 2.4 GHz (2400 - 2483.5 MHz)
<b>Antenna</b>	Omnidirectional Wi-Fi and BLE antenna 2.4 GHz Gain 5dBi - 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>	IP65
<b>Size and Weight</b>	212x195x56 mm - 1250 gr
<b>Warranty</b>	1 year
<b>Certifications</b>	CE (EMC, EMF, ROHS)

