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sGate Outdoor
Outdoor gateway with Power Supply Kit

IoT INFRASTRUCTURE

sGate is a Wi-Fi BLE network gateway designed for outdoor use. 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 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.

sGate is equipped with an aluminum flange for coupling, suitable for different positioning scenarios (pole, wall, suspended, etc.)

Features	
Product Code	50.100004.011
Tag Detection	Detection up to 60 meters (BLE and Wi-Fi 2.4GHz)
Power Supply	AC-DC 110-240V
Receiver Sensitivity	Noise Suppression Receiver (NSR)
Communication	BLE + Wi-Fi 2.4 GHz (2400 - 2483.5 MHz)
Antenna	Omnidirectional Wi-Fi and BLE antenna 2.4 GHz Gain 9dBi - 802.11 b/g/n
Internal Memory	4 MB
Wi-Fi Security	Open, WEP, WPA, WPA2
Supported Protocols	IP, TCP, UDP, ARP, ICMP, HTTP, DHCP
Operating Temperature	-10°C - +50°C
Protection	IP54 (rain and dust protection) with USB caps
Size and Weight	230x125x55 mm - 500 gr
Warranty	1 year (battery excluded)
Certifications	CE (EMC, EMF, RoHS), FCC

REIOS

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