

sGate PB

Portable Gateway with Powerbank

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

Powered by Solar Power Bank with 5V output, sGate battery lasts, with no solar charging, between 20 and 40 days, depending on device's configuration. The solar panel allows excellent charging performance even indoor and in non-optimal solar lighting conditions.

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

IoT INFRASTRUCTURE



Features	
Product Code	50.100004.002
Tag Detection	Detection up to 60 meters (BLE and Wi-Fi 2.4GHz)
Power Supply - Battery	Battery pack 24000mAh rechargeable (via micro USB-B) Power output 5V (2 USB-A) Recharge by cable 5V (USB-B and USB-C) Solar recharge panel capacity 200mAh/day - 1W
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 - 50 gr
Warranty	1 year (battery excluded)
Certifications	CE (EMC, EMF, ROHS), FCC

