

# sGate LTE Outdoor

Outdoor gateway

IoT INFRASTRUCTURE



sGate LTE is an industrial LTE-BLE network gateway designed for outdoor use. Designed for machine-to-machine communications, it is especially effective in maintaining reliable network communication in high electrical noise scenarios.

sGate LTE supports acting as a VPN client or hosting VPN servers and automatically encrypts all network traffic within the connected network. The device provides Edge Computing capabilities, it receives the BLE signal from the sensors, and transmits it via LTE. Key for locating services, it collects data from the tracking sensors and sends their position to the server.

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

Features	
<b>Product Code</b>	50.100004.012
<b>CPU</b>	Qualcomm QCA9531, @650MHz
<b>Memory / Storage</b>	DDR2 128MB / NOR Flash 16MB
<b>Communication</b>	Wi-Fi 802.11n, 150Mbps, (2.4GHz)   4G LTE CAT 4 BLE Siliconlabs EFR32MG21
<b>Antennas</b>	1 x Wi-Fi 2.4GHz   1 x 4G LTE Antenna   1 x BLE
<b>Ethernet Speed</b>	10/100 Mbps
<b>Network Mode</b>	Routing, AP, Wireless Bridge, Wired Bridge
<b>Ethernet Dialing Mode</b>	DHCP, Static, PPPoE
<b>Repeater Mode</b>	Scans and connects to SSID, Connects to hidden SSID
<b>4G Modem</b>	Automatic/Manual setting , Sets AT command, Receives SMS
<b>BLE Module</b>	Scans and receives BLE Broadcasting signals
<b>Operating Temperature</b>	-20°C - +55°C (-4 - 131°F)
<b>Protection</b>	IP54 (Rain and dust protection) with USB caps
<b>Size and Weight</b>	104 x 113 x 28mm (LxWxH) (excluding antennas) /235g
<b>Warranty</b>	1 year
<b>Certifications</b>	CE (EMC, EMF, RoHS), FCC