

sGate LoRa

IoT Infrastructure

LoRaWAN/LTE/Wi-Fi Gateway



Outdoor LoRaWAN® gateway with high-performance quad-core. It supports connection with more than 2000 tags, with a line of sight up to 15 km and IP67 waterproof case. sGate LoRa supports not only multiple back-haul backups with Ethernet,

Wi-Fi and LTE, but also has integrated mainstream network servers.

- Equipped with SX1302 chip, for a higher amount of traffic with lower consumption
- Wall or pole mounting (optional)
- PoE or solar power supply (optional)
- Enable security communication with multiple VPNs like IPsec/OpenVPN/LT2P/PPTP/ DMVPN

Product Features

Product Code	50.100004.025
Tag detection	15 km, up to 2000 tags
Memory	512 MB DDR4 RAM
CPU	Quad-core 1.5 GHz, 64-bit ARM Cortex-A53)
Sensitivity	140dBm Sensitivity @292bps
Antenna Connector	2 × 50 Ω N-Female External Connectors
Channel	8 (Half/Full-duplex)
Frequency Band	CN470/IN865/EU868/RU864/US915/AU915/KR920/ AS923-1&2&3&4
Ethernet Port	1 × RJ45 (PoE PD supported)
WiFi Antenna	Internal Antenna
WiFi Standards Mode	IEEE 802.11 b/g/n, 2.4GHz AP or Client mode
Cellular Antenna	Internal Antenna
SIM Slot	1 (mini SIM-2FF)
GPS Sensitivity	-167dBm@Tracking -149dBm@Acquisition -161dBm@Re-acquisition
Position Accuracy	<2.5m CEP
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Protection	IP67
Size and weight	240 x 164 x 90.9 mm (9.45 x 6.46 x 3.58 in)
Warranty	1 year