

SADE.io GSM GATEWAY (SI-GW-GSM1)

A Member of SADE.io IoT Cloud Family

Product Description

The SADE.io™ GSM Gateway allows your SADE IoT Cloud Family Wireless Sensors to communicate with the SADE.io™ Real Time Sensor Monitoring and Notification Platform via cellular transmission. This is the perfect solution for remote locations, or where an existing internet connection is not an option.

SADE.io GSM gateway is an advanced all wireless M2M gateway that enables fast time-to-market solutions for a wide range of M2M applications.

- Works with all Cellular Networks
- Real plug & play
- No PC required for operation
- Low-cost cellular service packages
- Remote software upgrade capability
- Local status LEDs with transmission and online status indicators
- 50,000 sensor message memory
- Watchdog function
- on-line heart-beat control
- AC power supply
- 80 m² around effective (open space)
- Supports all know IoT protocols

Product Options

- Backup Battery
- Worldwide GSM connectivity
- Ready IoT Platform
- IP67 Enclosure
- External Antenna
- MQTT Protocol



Applications

- Cold Chain Monitoring
- Asset Tracking & Management
- Smart Parking Management
- Indoor Personnel Tracking
- Fire & Smoke Detection
- Smart Agriculture
- Smart Home
- Smart Office
- Animal Tracking
- Retail Applications
- Data Collection Over Air
- Location Based Projects
- Stand Alone Applications
- Security Applications
- Beacon Solutions
- Smart Healty

Powered by

Product Specifications

Cellular Technology	Quad Band GPRS connection, Class 4 2W, Class 1 1W Frequency Range: 850/900/1800/1900MHz
Antenna Type	Internal BLE antenna, 2.4 GHz, +8 dBm TX power and -98 dBm sensitivity External Antenna Ready (Optional)
Input Power	8-35V DC, 1A external power adapter required
Battery	Rechargeable 700mAh Lithium Ion Battery - After DC Power loss max 6 hours working time with full battery capacity
Firmware Update	Remote update is available. - Depends on network quality speed and data size, it takes app. 3-10 minutes.
Dimensions & Weight	110 x 76 x 27 mm / 150 gr
Mounting	Options ready magnet or screw driving
Storage / Operating Temperature:	-40 °C ~ +85 °C / -25 °C ~ +70 °C
Enclosure Material	ABS
LED Lights	Cellular Status LED, Power Status LED
Device Memory	4 MBit
SIM Card Compatibility	Mini-SIM or Chip-SIM
Controller	32-bit ARM based
Available Accessories	Power Adapter
Certifications	CE / ISO 9001:2008 / MQTT Support / MICROSOFT AZURE

Technical Drawing

