

SOLLATEK GMC5

BATTERY POWERED CELLULAR AND WI-FI
ASSET TRACKING DEVICE



Description

The GMC5 is an end-to-end ultra-low cost after-market asset tracking device for small to medium assets such as commercial refrigerators and freezers.

Wi-Fi geo-location provides precise asset location within indoor environments where GPS (GNSS) cannot provide an accurate fix. The portal uses one of the world's leading Wi-Fi location databases to determine asset location. Asset location can be viewed within a dynamic map.

Optional built-in temperature allows accurate operational and product data to be viewed via the online portal.

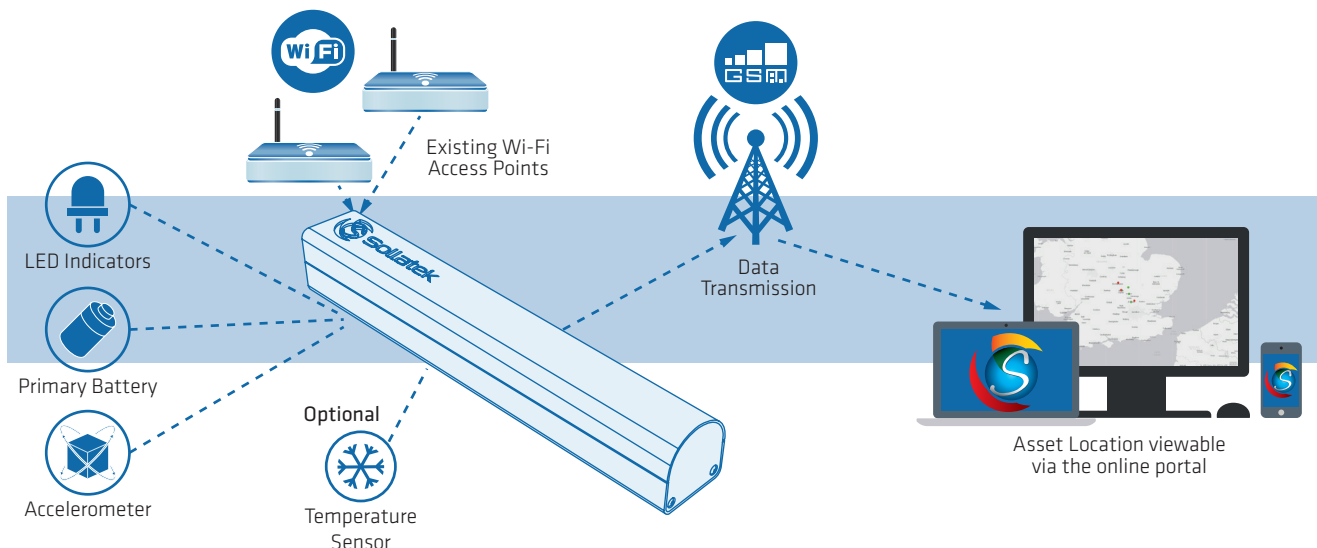
The GMC5 can be mounted easily and discreetly within the cabinet or compressor compartment of a cooler or freezer using an industrial adhesive pad.

There are 2 models of GMC5: GMC5, GMC5T (temp sensor).

Feature

- Ultra-low cost
- Standalone device
- Easy installation in after-market assets - no wiring
- Over 10 years battery life with weekly update
- Infield replaceable batteries
- Wi-Fi geo-location ideal for asset tracking indoors or urban areas - does not connect to Wi-Fi, only scans
- GSM for secure transmission to the online portal
- Remote setting configuration and Firmware update Over The Air (FOTA)
- On-board accelerometer for movement detection
- Built in Wi-Fi and cellular antenna
- IP65 sealed enclosure
- LED transmission status indicators
- On/Off magnetic switch to activate/deactivate the device as required
- Optional temperature sensor for precise product temperature measurement

System Diagram - How the GMC5 Works

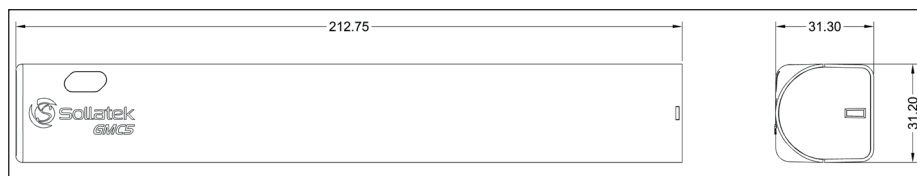


Technical Specification

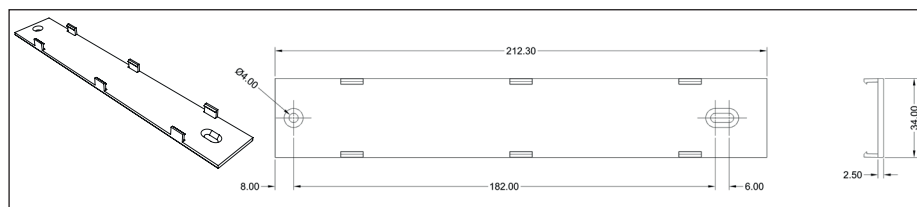
Battery	Nominal Voltage	2 x 3 V cells in series	
	Capacity	5000 mAh	
	Energy	30 W/h	
	Operating Life	>10 years (based on weekly update) *	
Cellular Connectivity	Target Region	Global	
	Antenna	Internal	
	Type	2G	LTE
	Category	EDGE, GSM, GPRS	Cat-M1, Cat-NB1
	Frequency Band	850 / 900 / 1800 / 1900	B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B28, B39
SIM Card	GMC5	Plastic Nano SIM	
	GMC5T	eSIM chip	
Wi-Fi Geo-location	Frequency Range	2.4 GHz	
	Protocol	802.11 b/g/n	
Accelerometer	Measurement Direction	3-axis	
	Measurement Scale	High sensitivity ±2g	
Memory	Size	4 Mbit	
Temperature Sensor (GMC5T)	Measurement Range	-30°C to +40°C (-22°F to +104°F)	
	Sensor Type	NTC	
User Interface	LEDs	Device On/Off - Green 2x GSM power / transmitting status - Green & Red	
	On / Off Switch	Magnetic Switch (with supplied magnet)	
Environmental	IP Rating	IP65 Sealed Enclosure	
	Operating Temperature	-40°C to +70°C (-40°F to +158°F)	
	Operating Humidity	0 - 100%	
	Storage Temperature	Max. 30°C (86°F)	
Certification / Standards	Product Certification	CE, UL (TBA)	
Mechanical	Mounting	Double sided adhesive pad or Screw mounting base	
	Unit Dimensions	212.75 x 31.30 x 31.20 mm	
	Unit Weight	185 g	
Packing & Shipping	Carton Quantity	100 units	
	Carton Dimensions	480 x 440 x 247 mm	
	Carton Weight	Approx. 20 kg	
	Pallet Quantity	3600 units (36 cartons)	
	Pallet Dimensions	1200 x 100 x 2373 mm	
	Pallet Weight	Approx. 750 kg	

Dimensional Drawing

GMC5

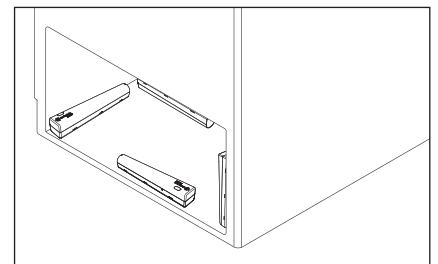


Screw Mounting Base

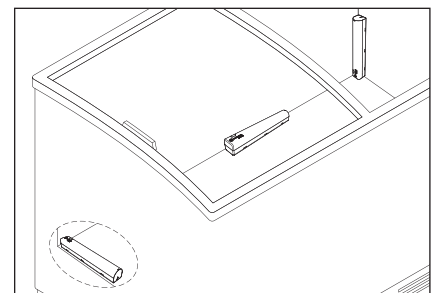


Device Placement

GMC5 - Inside compressor compartment



GMC5T - Inside the freezer cabinet



Product Code	Description
95352W00	GMC5-2W 2G Tracker WiFi Pri Batt
95354W00	GMC5-4W 4G Tracker WiFi Pri Batt
95352TWO	GMC5T-2W 2G Tracker WiFi Pri Batt Temp
95354TWO	GMC5T-4W 4G Tracker WiFi Pri Batt Temp

