San Jose Technology, Inc.

GPS/GPRS Pets/Asset Tracker

Model: MU-201

Introduction:

SANAV MU-201 is a more compact version of focusing on the pets or asset tracking market. Its location can be real time tracked through internet or specified terminals. The user can communicate with the service server through GPRS/GSM network, transfer alarms of Emergency, Geo-fencing., Remote Control, and Lower power, and record the tracking history stored in internal memory through USB or website.
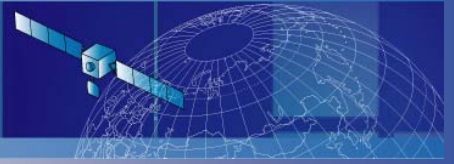
Features:

- Built in motion sensor
- Support reporting by time and distance interval
- Support reporting when MU-201 is moved
- SOS Alert
- Over Speed Alert
- Low Power Alert
- Power On/Off Alert
- 10 Circular Geofence
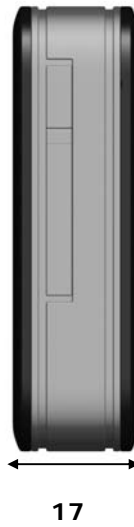- Acquire the position by a SMS command

Specifications:

GSM	
Frequency:	Quad-Band: 850/900/1800/1900MHz Compliant to GSM phase 2/2+ -Class 4 (2W @ 850/900MHz) -Class 1 (1W @ 1800/1900MHz)
GPRS:	GPRS multi-slot class 10 GPRS mobile station class B
RMS Phase Error:	≤5deg
Max Out RF power:	33.0dBm±2dBm
Dynamic Input Range:	-15 ~ -102 dBm
Receiving Sensitivity:	Class II RBER≤2%（-102dBm）
Stability Of Frequency:	Greater than 2.5ppm
Max Frequency Error:	±0.1ppm
GPS	
GPS Chipset:	UBX-G5010
Receiver Type:	50 Channels GPS L1 frequency, C/A Code GALILEO Open Service L1 frequency
Sensitivity:	Tracking & Navigation -160 dBm Acquisition -160 dBm Cold Start (Autonomous) -145dBm
TTFF(Time-To-First-Fix): All satellites at -130dB	Cold Start (Autonomous) 29s Warm Start(Autonomous) 29s Hot Start (Autonomous) <1 s
User Interfaces	
Mini USB Connector:	Include charger
Power Button:	Power on and power off.
General	
Dimension:	60mm* 35 mm * 19mm
Weight:	65 g
Backup Battery:	Li-Polymer 650 mAh , 3.7V
Standby Time:	10 minutes reporting: 50 Hours (estimation) 60 minutes reporting: 100 Hours (estimation)
Charge Voltage	5 V DC
Air Interface Protocol	
Transmit Protocol:	TCP,UDP,SMS
Geo-Fence:	10 Geo-Fence regions can be defined.
Low Power Alarm:	Alarm when battery is low
Power On Report:	Report on power up
Environment	
Operating Temperature	0°C to +55°C
Storage Temperature	-20°C to +85°C

＊This specification is subject to change without prior notice

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POWER
GPS/GPRS

SANAV SOS

60 mm

35 mm   17