



GPS-TS

Tracker device for remote location monitoring



Description

Intelligent and easy configurable APP and WEB monitoring applications, plus GPS tracker devices set for optional Temperature measurement.

Features

Visualization

Responsive WEB and APP interface for visualization of:

- Location and sensed variable state.
- Battery level.
- AC connector.
- Sigfox signal quality.
- Graphic record of each variable for up to 2 years.

Alarms

- External alarms by SMS, e-mail and Telegram messaging service.

Contact Information

To reach Datalog IoT manufacturer, refer to:

Mail: info@3sense.tech
USA: +1 (786) 584-7439
WhatsApp: +1 (786) 584-7439
Visit: www.3sense.tech

Ordering Information

GPS061801-Sigfox	Device with port for one additional Temp. sensor. GPS Multi-GNSS engine for GPS, GLONASS, BeiDou, Galileo and QZSS. Sigfox Ready, RC2 902 – 905Mhz / RC4 920 -923Mhz, 22dBm ERP.
GPSSE061801	Temperature Sensor for 3Sense GPS Tracker -67°F (-55°C) to 257°F (125°C).



POWER REQUIREMENTS

Parameter	Standard	Value	Units
Power Adapter	Mini USB A/AB plug	--	--
Max. Electric Current	--	0.15	A
DC Voltage	--	5	V
Battery Ratings			
Type	LiPo		
Electric Current	--	2000	mAh
Nominal Voltage	--	3.7	V

RECOMMENDED OPERATING CONDITIONS

Operating Conditions	Value	Units
Storage Temperature	50 (20) – 113 (45)	°F (°C)
Storage Humidity	60±25	% R.H./Non-Condensable
Ambient Temperature	32 (0) – 113 (45)	°F (°C)
Ambient Humidity	60±25	% R.H./Non-Condensable
Standard	Protection Type	
IEC standard 60529/ EN 60529	<p>IP67. No ingress of dust; complete protection against contact (dust tight). No ingress of water when submerged up to a depth of 1 meter for 30 minutes. Suitable for outdoor use.</p>	

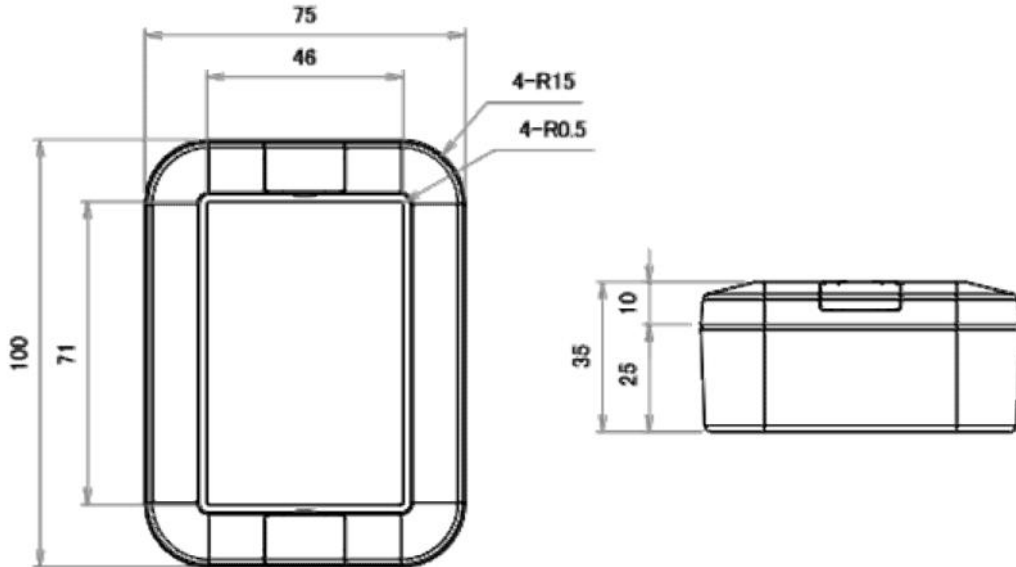
SUPPORTED APPLICATIONS

Purpose	Range	Common Fields
Location tracking & Temperature monitoring	T: -40°F (-40°C) to 176°F (80°C)	<ul style="list-style-type: none"> ✓ Refrigerated Transport tracking. ✓ Portable medicines refrigerator. ✓ Cattle monitoring. ✓ Other tracking applications.

WIRELESS SPECS

Device P/N	Standard	Note
GPS061801-Sigfox	Sigfox Ready, RC2 902 – 905Mhz / RC4 920 - 923Mhz, 22dBm ERP	Zone 2 (USA, Mexico) and Zone 4 (Latin America).
Device P/N	Receiving Bands	Note
GPS061801-Sigfox	GPS/Galileo L1 C/A: 1575.42MHz. GLONASS L1 C/A: 1602.5625MHz. BD2 B1 C/A: 1561.098MHz. GPS+GLONASS is the default GNSS configuration	Dynamic Performance: Max. Altitude: 18000m Max. Velocity: 515m/s Max. Acceleration: 4G

DIMENSIONS



Dimensions in mm. Material: ABS UL94HB. For further information concerning this enclosure, visit: goo.gl/Xapdsw

Weight: 80g, without accessories.

WEB PLATFORM AND SERVICES



3Sense 4.0 devices work in conjunction with WEB platform and Web Platform® APP.

Users can access the platform, by WEB or APP, to perform:

- ✓ Remote monitoring and visualization of Temperature and R. Humidity records, in graphs and data tables, from up to 2 years.
- ✓ Alarm management for variables out of range, battery levels and AC power fails.
- ✓ Add comments to records.
- ✓ Set alarm limits, among other custom settings like sensors' names.
- ✓ Set alarm events such as e-mail or SMS notifications.