

# 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:

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 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
<b>Power Adapter</b>	Mini USB A/AB plug	--	--
<b>Max. Electric Current</b>	--	0.15	A
<b>DC Voltage</b>	--	5	V
Battery Ratings			
<b>Type</b>	LiPo		
<b>Electric Current</b>	--	2000	mAh
<b>Nominal Voltage</b>	--	3.7	V

## RECOMMENDED OPERATING CONDITIONS

Operating Conditions	Value	Units
<b>Storage Temperature</b>	50 (20) – 113 (45)	°F (°C)
<b>Storage Humidity</b>	60±25	% R.H./Non-Condensable
<b>Ambient Temperature</b>	32 (0) – 113 (45)	°F (°C)
<b>Ambient Humidity</b>	60±25	% R.H./Non-Condensable
Standard	Protection Type	
<b>IEC standard 60529/ EN 60529</b>	<p><b>IP67.</b> 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. <b>Suitable for outdoor use.</b></p>	

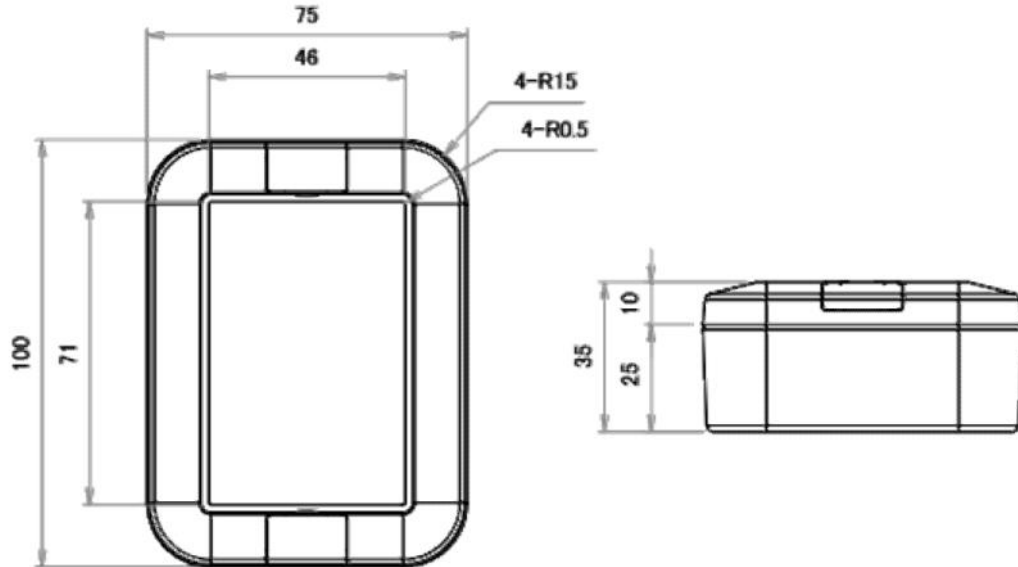
## SUPPORTED APPLICATIONS

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

## WIRELESS SPECS

Device P/N	Standard	Note
<b>GPS061801-Sigfox</b>	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
<b>GPS061801-Sigfox</b>	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](http://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.

## SENSORS' TECHNICAL SPECIFICATIONS

### Temperature Sensor (P/N GPSSE061801)

Parameter	Value / Type	
<b>Temperature Range</b>	-67°F (-55°C) to 257°F (125°C)	
<b>Resolution</b>	1 °F (0.5°C), over whole range	
<b>Max. Error</b>	0.5°C from 14°F (-10°C) to 185°F (85°C), 2°C from -67°F (-55°C) to 257°F (125°C).	
<b>Probe Type</b>	Stainless steel probe, PVC 2m. cable	