



## Nano GPS D.I.Y. Collars

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### Premium GPS solutions with 7/365 customer support

From pre to post-sale, our team provides solutions  
to your challenges in a timely manner

#### Handcrafted GPS Devices Starting at 5 grams

Building small, lightweight products  
incorporating the best technology  
and battery life is our specialty.



#### Telemetry Solutions

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## Nano GPS D.I.Y. Collars

The lightweight Nano GPS D.I.Y. collar data loggers manufactured by Telemetry Solutions are sold worldwide. They rely upon our purpose built electronics and assembly techniques and your labor. You assemble and encapsulate them. The benefit is a lower per unit cost.

### Technical features

The Nano series data loggers utilize the world's smallest fully integrated, highly sensitive GNSS module. They also include a long range radio transceiver for communication (data transfer) to a base station at distances as great as 12 kilometers. The base station can be hand held, stationary, airborne in a drone or piloted aircraft or carried on another animal in the form of a GPS collar. The data logger can be sold with a VHF radio transmitter upon request. Minimum operational temperature varies with battery technology, either -40°C or -15°C.

### Also includes:

- Temperature sensor
- 3-axis accelerometer
- Gyro meter
- Blue Tooth
- On/off switch

### Battery Life Information

Minimum Weight (grams)	Appropriate Dimensions (mm)	Number of GPS per day	Estimated Battery Life (days)
6.5	28 x 14 x 12	2	36
8.0	36 x 14 x 12	2	54
10.0	36 x 14 x 12	2	90
11.0	34 x 22 x 15	2	104
13.0	44 x 19 x 15	2	159
16.0	27 x 18 x 22	2	255

\* Battery life estimated assuming 20°C and GPS on time 60 seconds. GPS may be scheduled in any way, these are examples only. Weight listed may not be achievable by inexperienced builders.

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