



## Micro GPS DIY Implant

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Handcrafted GPS Devices  
Starting at 5 grams

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



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# MICRO GPS DIY IMPLANT

With significant cost savings, the Micro GPS DIY data logger implant is perfect for do-it-yourselfers on a tight budget.

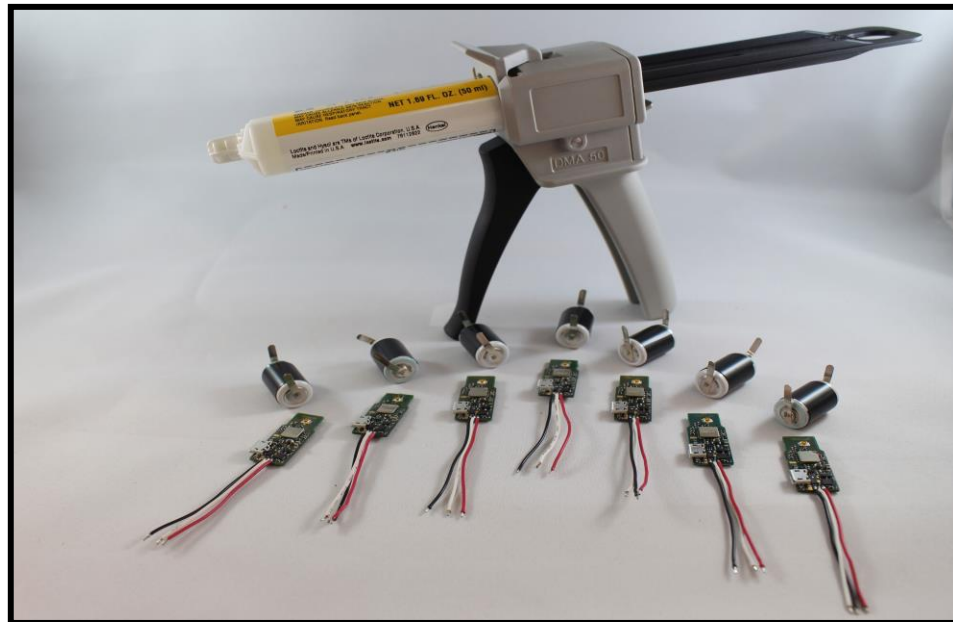
These DIY Micro GPS logger kits rely upon you for assembly and testing. Telemetry Solutions provides the assembly knowledge and hardware, you provide the labor. The benefit to you is lower per unit cost.

## Technical features

The Micro series data loggers utilize the world's smallest fully integrated, highly sensitive GNSS module. They also include a short range radio transceiver for communication (data transfer) to another transceiver. The other transceiver can be hand held, stationary, airborne in a drone or a piloted aircraft. The GPS data logger can be equipped with a VHF radio transmitter upon request. Minimum operational temperature varies with battery technology, either -40°C or -15°C.

Options include

- Temperature sensor
- 3-axis accelerometer
- Blue Tooth
- On/off switch
- Always on GPS
- Smart GPS



## Features

S=Standard, O=Option

### This product

|                              | NANO         | MICRO        | SMALL        | MEDIUM    |
|------------------------------|--------------|--------------|--------------|-----------|
| Weight Range                 | 5g-20g       | 6g-50g       | 20g-100g     | 130g-250g |
| Data Recovery Method         | UHF Wireless | UHF Wireless | UHF Wireless | Satellite |
| Data Transfer Range          | up to 20km   | up to 50m    | up to 20km   | global    |
| Drone Data Downloading       | S            | S            | S            | N/A       |
| Base Station Battery Life    | 2 days       | 5 days       | 2 days       | N/A       |
| Base Station External Power  | S            | N/A          | S            | N/A       |
| Change GPS Schedule in Field | S            | S            | S            | S         |
| Drop Off                     | N/A          | O            | O            | O         |
| VHF Transmitter              | O            | O            | S            | S         |
| Smart GPS                    | S            | S            | S            | S         |
| Activity Logger              | S            | S            | S            | S         |
| Factory Sealed               | S            | S            | S            | S         |
| Best in Habitat Type         | Open-Light   | Any          | Any          | Any       |
| GPS Precision Control        | S            | S            | S            | S         |
| Rechargeable                 | O            | O            | O            | O         |
| Bluetooth                    | S            | S            | S            | S         |
| Temperature Sensor           | S            | S            | S            | S         |
| Accelerometer                | S            | S            | S            | S         |
| Light Sensor                 | N/A          | O            | N/A          | N/A       |
| Collar                       | S            | S            | S            | S         |
| Backpack                     | S            | S            | S            | S         |
| Implant                      | N/A          | S            | S            | N/A       |
| Custom Design                | S            | S            | S            | S         |
| DIY Kits Available           | S            | S            | N/A          | N/A       |
| Discount Price Eligible      | S            | S            | S            | S         |
| Refurbishment Available      | S            | S            | S            | S         |
| On-off switch                | S            | S            | S            | S         |

## Battery Life Information

| Minimum Weight (grams) | Approx. Dimensions (mm) | Number of GPS per day | Estimated Battery Life (days) |
|------------------------|-------------------------|-----------------------|-------------------------------|
| 18                     | 33 x 16 x 24            | 2                     | 311                           |
| 30                     | 53 x 16 x 24            | 3                     | 652                           |
| 39                     | 55 x 19 x 26            | 6                     | 603                           |
| 72                     | 55 x 38 x 26            | 8                     | 900                           |

\*Battery life estimated assuming 20°C and GPS on time 60 seconds. GPS may be scheduled in any way, these are examples only