



**Features**

- Collar managed geofences
- Ultra small size, from 80 grams
- Remotely controlled drop-off
- GSM/GPRS option



### Tellus Micro - GPS collar

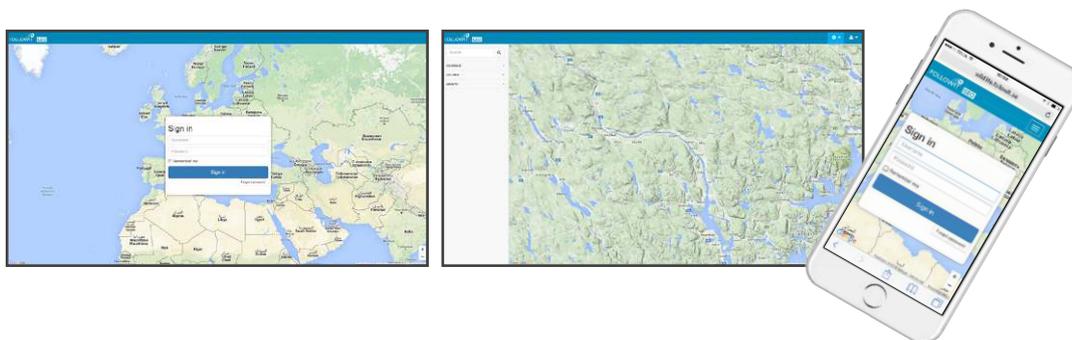
Tellus Micro is the latest result from more than 20 years of experience in GPS-aided wildlife tracking. The weight of the collar is from only 80 grams which opens up a wide range of new research possibilities. Despite its small size it still has features such as remotely controlled drop-off and GSM/GPRS options.

Tellus Micro also introduces collar managed geofences which allows the collar to detect when it crosses one of its pre-programmed geofences. This will automatically let the collar to change to a new GPS-schedule and report to the server. From the server, you can set up event subscriptions allowing you to send alerts to assigned observers. The collar managed geofences can be updated remotely using Followit GEO and sent to the collar at any time.

Additionally, all settings such as mortality delay, activity sensitivity, etc can now be adjusted from the web platform Followit GEO. This allows you to fine tune these settings according to your needs - even after the collar has been deployed. New, more flexible GPS schedules with options such as continuous intervals gives you, even more, possibilities to customize your research.

## GEO - Graphic presentation

Using Followit GEO you can easily follow your animals location, from your computer, pad or smartphone. Positions are shown directly on a map and you have several map options to choose from. In GEO you can see date and time for each position and coordinate data in different formats. Current battery status for your collars is easy to see and keep track of. You can also set geofences for your animals, for instance, to mark roads, railways or sensitive areas. geofences can be defined so that you get an alarm when an animal enters or exits an area. All positions and historical date are stored in Followit GEO. You can easily export data to commonly used formats. Historical data can be exported for a single unit or for a whole group of units.



## Specifications

	Tellus Micro	Ultra Light	Light	Small	Medium	Medium Plus	Large
Output (all models)	Date, Time, Latitude/Longitude or UTM, Altitude, 2D/3D, Number of satellites, H-DOP, TTF (time to fix), Activity, Temperature, Mortality notification, Battery voltage						
GPS receiver 33 tracking + 99 acquisitions	✓	✓	✓	✓	✓	✓	✓
UHF download	✓	✓	✓	✓	✓	✓	✓
GSM/GPRS download	✓	✓	✓	✓	✓	✓	✓
IRIDIUM (satellite) download <sup>1</sup>	-	✓	✓	✓	✓	✓	✓
2-way communication <sup>2</sup>	✓	✓	✓	✓	✓	✓	✓
Programmable by software TPM <sup>3</sup>	✓	✓	✓	✓	✓	✓	✓
Virtual fence (geofence)	✓	✓	✓	✓	✓	✓	✓
Map projection WGS-84, RT90 or UTM	✓	✓	✓	✓	✓	✓	✓
VHF beacon (customer specified 138-230 MHz)	✓	✓	✓	✓	✓	✓	✓
Mortality sensor	✓	✓	✓	✓	✓	✓	✓
Activity sensor	✓	✓	✓	✓	✓	✓	✓
Recovery mode indicator	✓	✓	✓	✓	✓	✓	✓
Back-up battery	✓	✓	✓	✓	✓	✓	✓
Battery replaceable by customer <sup>4</sup>	-	-	-	✓	✓	✓	✓
Temperature range of operation -30°C to +50°C	✓	✓	✓	✓	✓	✓	✓
Memory capacity > 80'000 positions	✓	✓	✓	✓	✓	✓	✓
Drop-off (optional) <sup>5</sup>	✓	✓	✓	✓	✓	✓	✓
Reinforced belting included in the price	✓	✓	✓	✓	✓	✓	✓
Internal antennas	✓	✓	✓	✓	✓	✓	✓
Approximately number of positions-GSM/GPRS <sup>6</sup>	<3'000	<7'500	<7'500	<17'000	<30'000	<45'000	<60'000
Approximately number of positions-Iridium <sup>7</sup>	N/A	<5'000	<5'000	<12'000	<23'000	<35'000	<45'000
Collar weight	80-85 g	>215 g	>240 g	>600 g	>800 g	>980 g	>1000 g
Animal weight <sup>8</sup>	>2.5 kg	>6 kg	>8 kg	>24 kg	>45 kg	>50 kg	>70 kg
Belting width (mm)	20	28	30	40/50	50	50	50/60
Belting length (mm)	150-250	250-500 <sup>9</sup>	250-500 <sup>9</sup>	350-850 <sup>9</sup>	350-1350 <sup>9</sup>	350-2000 <sup>9</sup>	550-2200 <sup>9</sup>
Unit dimensions (height, width, depth) (mm)	48x57x30	44x61x51	44x61x51	56x76x55	63x76x71	85x76x71	63x139x71

<sup>1</sup> Adds 3 g alt. 25 g depending on collar type.

<sup>2</sup> Flexible GPS-schedule changes and drop-off activation from website (Followit GEO™) on GSM/Iridium collars

<sup>3</sup> TPM requires Microsoft Windows

<sup>4</sup> Micro, Ultra Light and Light has to be sent to Followit for replacement

<sup>5</sup> The drop-off can be activated remotely with the RCD-04, through website (Followit GEO™) or be pre-programmed

<sup>6</sup> Max positions based on: Open land, one position every half hour, +20°C, one hour of VHF beacon/day and 7 positions/SMS (GSM download)

<sup>7</sup> Max positions based on: Open land, one position every half hour, +20°C, one hour of VHF beacon/day and 11 positions/message

<sup>8</sup> Depending on species

<sup>9</sup> Adjustable by user ± 10%