



## NanoTag Solar (Coded VHF)

Technology:  Radio

Product:  Tag

Sanderling (*Calidris alba*)



## Solar assisted NanoTags to track your birds for even longer!

Lotek supplies the smallest Avian coded VHF NanoTags available today, enabling researchers to investigate migratory movements of the smallest of birds and bats through the [Motus network](#). On a more local scale, these tags can establish the presence and absence of individual animals at points of interest such as communal roosts, breeding colonies or man-made artefacts.

Our solar tags can extend the life of the energy-efficient NanoTags even longer. They contain a cell, so will work during long periods without sunlight. Imagine getting detections of your migrating small birds year after year.

### Options

- Harness tubes and more robust antennas

#### Features:



Solar Assist

#### Small size and weight:

Allows smaller species to be tagged and monitored

#### Lotek proprietary codesets:

Field proven codes that are robust and reduce collisions, leading to more data

#### Long Life:

Track birds with sub-gram tags for weeks or months

### Product Applications

Flyway Studies: Automatically log individuals flying through an area, Migration Stopover Ecology: Record when your tagged animals are present, Colony Nesting Studies: Log all parental feeding visits automatically,

Flight Searches: Save time while searching by only listening to one frequency, Bat Roost Behaviour: Detect bats leaving and returning to a roost



	Weight <sup>[1]</sup> (g)	Size <sup>[1]</sup> (LxWxH) (mm)	Expected life <sup>[2]</sup>
NTS-1	From 1.7	17.4 x 14 x 5.8	Indefinite

1. Weight may vary by ±5% for standard packaging. Antenna or harness tube selections will increase size and weight. Contact one of our Telemetry Specialists for more information.
2. Tags can operate for an indefinite duration when sufficient solar energy can be harvested and the tags are not subjected to excessive wear and tear.

Features and specifications subject to change without notice.

Technical specifications:  
 Operating temperature: 0 °C – +35 °C  
 Coded tags require receivers that can decode the signals to tell you which individual has been detected. They are best used with our SRX receivers:

SRX1200-D: Designed specifically for extended autonomous datalogging applications  
 SRX1200-MD: Designed for both mobile and extended autonomous datalogging applications

### Warranty

Contact one of our telemetry specialists for details about our warranty. For Warranty terms and conditions, please review our [Warranty Statement](#).

