




VHF Ear Tag Series

Technology:  Radio

Product:  Tag

White-tailed deer fawn (*Odocoileus virginianus*)



Proven Two Stage reliability

Lotek's Core Ear Tag transmitters are based on proven Two Stage VHF Transmitters. With a track record of over 30 years for performance and reliability, Core VHF Ear Tag Transmitters are ideal for in the field tracking.

Core Ear Tags provide a low cost option for tracking species that may not be suited to Collar or Glue On transmitters.

Operating life can vary depending on application and study needs and objectives. Please contact one of our Telemetry Specialists to discuss your study needs.

Options

- Internal Loop or Whip antenna
- Sensors: Activity, Mortality, Time since death
- Flexible transmit scheduling / Duty cycle, to allow extended operational life
- Optional Stainless steel keeper for increased attachment security
- Numbered ear tags available
- Potting colour options

Features:



Activity



Mortality



Time since death



Duty cycling

Long battery life:

Based on continuous operation, estimated to last 179 days, or 385 days, at a pulse rate of 30 ppm

Light weight:

The lightest being 19 grams, featuring an internal loop antenna. The heaviest being 30 grams, featuring a whip antenna.

Product Applications

Home range analysis, Survival, Reintroductions, Habitat use and movement behaviour, Efficient eradication planning and management, Judas programs.

Model	V2E 152C	V2E 152D	V2E 154C	V2E 154D
Weight ^[1] (g)	19	24	27	30
Life ^[2] (days)				
30ppm	179	179	385	385
40ppm	140	140	300	300
Size (LxWxH) (mm)	62 x 33.5 x 12.5	60.5 x 29.5 x 13	70 x 48 x 13.5	69 x 29.5 x 12.5
Antenna type	Loop	Whip	Loop	Whip

- Weights may vary by +3% owing to parts and production tolerances. Excludes weight of Keeper, see below.
- Estimated life calculations based on continuous operation and a pulse width of 20ms. Maximum theoretical life at 25°C using cell manufacturers stated capacity. Actual lives may vary at the extremes of the operating temperature range by up to 50%.

Features and specifications subject to change without notice.



V2E 152C



V2E 152D



V2E 154C



V2E 154D

Technical Specifications:

Operating temperature range: -30°C to +50°C

Transmitters can be fitted to either side of the ear tag. Please specify if you want the transmitter attached to the front or back at the time of order.



Ear tag can be supplied with a standard male keeper (1.9g) or a stainless steel male keeper (7.6g).

Numbering of ear tags available for an additional charge.



Warranty

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