




## Core Implant Series

Technology:  Radio

Product:  Tag

Western rattlesnake (*Crotalus viridis*)



## Proven Two Stage reliability

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

Core Implant transmitters 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

- Flexible transmit scheduling
- Activity / Mortality
- Time since death
- Temperature

### Features:



Temperature



Activity



Mortality



Time since death



Duty cycling

### Long battery life:

Based on continuous operation, estimated to last 420 days, at a pulse rate of 30 ppm

### Light weight:

From 25g

## Product Applications

Home range analysis, survival, presence/absence

Model	V2I 154A	V2I 163A
Weight <sup>[1]</sup> (g)	25	32
Life <sup>[2]</sup> (days)		
30ppm	420	672
40ppm	329	526
Size (LxWxH) (mm)	52 x 32 x 13	75 x Ø 17

1. Weights may vary by  $\pm 3\%$  owing to parts and production tolerances.
2. Operational Life Estimates presented are based on continuous operation at 25°C. Actual life may be reduced by up to 50% at operating temperature boundaries.

Features and specifications subject to change without notice.



V2I 154A



V2I 163A

Technical Specifications:

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

Frequency range: 148MHz to 174MHz

### Warranty

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