



AVIAN



TERRESTRIAL



MARINE



FRESHWATER

## TW-x Collars

Technology:  Radio

Product:  Collar



## Versatility available in small packages

The TW-x is a very versatile family of transmitters providing a wide selection of sensors, weights, belting material and battery life to match the collar with the species and applications. Starting at only 0.8 g and going up to 380 g the TW-x is suitable for monitoring mammals of all groups and sizes.

## Options

- Sensors: Posture Sensing, Activity Sensing and/or Mortality Sensing, or
- Temperature Sensing.
- Belting material: cable tie, brass, biothane, nylon, leather

### Features:



Temperature



Activity



Mortality

### Wide selection of belting material:

Provides a comfortable solution to species with sensitive skin.

### Light weight:

Starting at 0.8g

## Product Applications

Home range analysis, Survival rates, Habitat use and movement, Animal behaviour, Translocation studies

Model	TW-3 10-28	TW-3 1/2 AA	TW-3 2/3 AA	TW-3 AA	TW-3 1/2 AA x2	TW-3 2/3 AA x2	TW-3 AA x2
Life <sup>[1]</sup> (days)	550	1100	1800	2100	2100	4500	5250
Weight <sup>[2]</sup> (g)							
Cable-tie	15	25	37	-	-	-	-
Brass band	19	24	29	-	-	-	-
BioThane	35	45	55	140	75	130	150
Nylon	-	-	-	165	95	150	200
Leather	30	35	90	180	190	200	210

1. Life based on pulse length 12 ms and pulse rate 30 pulses per minute at 25°C
2. Average weight. Tags for some species require extra protection or range that can increase the weight.

Features and specifications subject to change without notice.



Cable tie



Brass band



BioThane



Leather



Nylon

Technical specifications:

Frequency band: 138 – 230 MHz

Channel spacing: 10 kHz (nominal), 12.5 kHz or user-specified

Calibration error: <math>\pm 5</math> kHz (nominal), or <math>\pm 1.5</math> kHz for channelized transmitters.

Temperature error: <math>\pm 10</math> ppm (approx.  $\pm 1.5$  kHz) over temperature and voltage range.

Extreme temp: -10 to +55 C (for frequency error)

Working temp: -40 to +60 C

## Warranty

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