



KiwiSat[®] Fin Tag Series

Technology:  Satellite  Radio

Product:  Tag

Common bottlenose dolphin (*Tursiops truncatus*) © Brian Balmer 2010



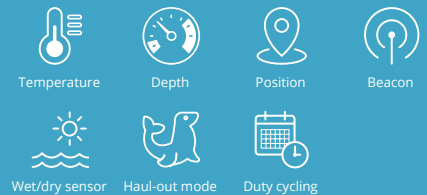
Compact, lightweight tags designed to minimise drag

The KiwiSat[®] 202 fin-mount tags offer a range of attachment options for cetaceans and sharks. Models with optional DIVE sensing send data on the most recent dives whilst maximising the number of transmissions. One model is fitted with a VHF transmitter in addition to the Argos transmitter to allow the researcher to locate and visually monitor the study animal at sea.

Options

- Optional DIVE sensing for some models
- Wet/dry sensor, flexible scheduling and haul-out mode
- Local area tracking with built in VHF transmitter (K2F 172B only)

Features:



Compact, hydrodynamic design:
To minimise drag in water

Satellite communication:
Argos data automatically stored in a secure cloud database and accessed via the secure web portal

DIVE sensing:
Data includes maximum depth, time and TAD (Time At Depth) index (K2F 173A and 176F only)

Product Applications

Our range of fin tags are ideal for monitoring the location of sharks, dolphins and porpoises as well as monitoring post stranding survival of large cetaceans. The KiwiSat[®] K2F 176F fin-mount is primarily intended for tracking sharks.

Model	Weight ^[1] (g)	Size (LxWxH) (mm)	Max depth (m)	VHF	Life ^[2] (Std / DIVE sensors)
K2F 163C	37	75 x 20 x 25	500	No	153
K2F 172D	47	100 x 20 x 25	500	Yes	263
K2F 173A	45	100 x 20 x 25	500	No	305 / 270
K2F 176F	80	83 x 22 x 80	2000	No	433
K2F 176G	80	80 x 23 x 110	2000	No	433 / 382
K2F 363C	115	63 x 62 x 24.5	500	No	545

1. The dimensions and weights are of the PTT only as the attachment parts may vary in size per species. Please note that the attachment pin is not supplied.
2. Estimated life based on 200 transmissions per day. Where a VHF transmitter is included, the life estimate includes VHF for 8hrs/day.

Features and specifications subject to change without notice.



K2F 163C



K2F 172D



K2F 173A



K2F 176F



K2F 176G



K2F 363C

Technical specifications:

Argos transmit power: 500mW

Operating temperature range: - 20 °C to 50 °C

Standard sensors:

Wet/dry sensor

Temperature sensor range: -50 °C to 75 °C

Temperature sensor accuracy: +/- 0.5 °C

Temperature sensor resolution: 0.25 °C

DIVE sensors:

Calibrated sensor range: -5 °C to 40 °C

Depth sensor ranges: 200m, 500m, 2000m

Depth sensor accuracy: ±1% of Full Scale

Depth sensor resolution: ~0.025% of Full Scale

Temperature sensor range: -40 °C to 60 °C

Temperature sensor accuracy: ±0.2 °C

Temperature sensor resolution: better than 0.05 °C

Warranty

KiwiSat® Fin Tags are warranted to be free of defects in materials and workmanship under Normal Use for a duration of 80% of Estimated Life to a Maximum of 12 months. For Warranty terms and conditions, please review our [Warranty Statement](#).