



Introducing the K4G Argos transmitter series.

Lotek KiwiSat® K4G 154A and K4G 154B are lightweight marine Argos transmitters for glue on attachment.

Each model is carefully designed with a compact shape, minimal frontal area and can operate up to depths of 500 and 200m respectively.

These tags maximize the benefits offered by the Argos-3 network meaning that transmit power can be halved for the same amount of data throughput and error rates, thereby minimizing the transmitter size.

Options

- Wet/dry sensor, wet start.
- Flexible scheduling.
- Anti-biofouling coating

Features:



Wet/dry sensor



Duty cycling

Rugged Reliability:

Designed for depths to 200 and 500m.

Low Power:

Utilizes the Argos-3 network.

Data Management:

Argos data automatically stored in a secure cloud database and accessed via the Lotek Argos web service.

Product Applications

Ideal for Penguins and other marine animals.

Model	K4G 154A	K4G 154B
Weight in air (g)	23	18
Weight in water ^[1] (g)	5.50	0.050
Size (LxWxH) (mm)	74 x 21 x 11	74 x 21 x 11
Estimated Life ^[2] (days)		
Standard	455	455
DIVE	TBA	TBA
Max Depth (m)	500	200

1. Assuming the density of seawater is 1024 kg/m³.
2. Estimated life using 200 transmissions per day.

Features and specifications subject to change without notice.

Technical Specifications:

Argos transmit power: <200mW
 Operating temperature range: - 10 °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: 0.25C

DIVE Sensors:

Calibrated sensor range: 0 °C to 40 °C
 Depth sensor range: 200m
 Depth sensor accuracy: ±1% of Full Scale
 Depth sensor resolution: ~0.1% of Full Scale

Warranty

KiwiSat® K4G tags are warrantied 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](#).