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SPLASH10 PRODUCT SHEET

SPLASH10 tags are data-archiving, Argos satellite transmitting tags designed for tracking vertical and horizontal movements of free-range marine animals.

A SPLASH10 tag works on any animal that exposes the tag above the surface of the water. The Wildlife Computers SPLASH10 tags have been used on sea turtles, pinnipeds, sharks, and cetaceans.

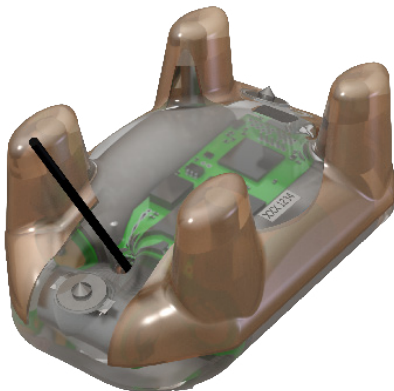
It's All About the Data

Our SPLASH10 tags contain an array of sensors including depth, temperature, light level, and wet/dry. During deployment, data are collected, summarized, and compressed for Argos transmission. The full archive is available upon recovery of the tag.

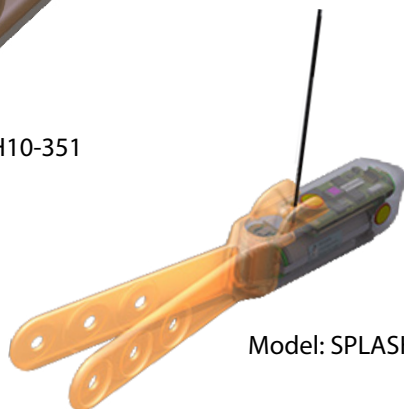
Wildlife Computers SPLASH tags appeared in over 300 publications.

Available Data Products

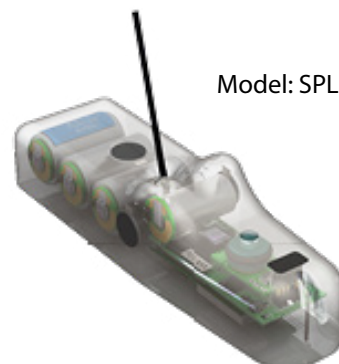
Depth Archive	X
Temperature Archive	X
Light Archive	X
Wet/Dry Archive	X
Light Level Geolocation (GPE3)	X
Argos Locations	X
Depth Time Series	X
Temperature Time Series	X
Profile of Depth & Temperature (PDT)	X
Time-At-Temperature Histogram (TAT)	X
Time-At-Depth Histogram (TAD)	X
Maximum Dive Depth Histogram	X
Dive Duration Histogram	X
Dive PDT	X
Percent-Dry Timeline	X
20-Minute Dry Timeline	X
Behavior Log	X
Dry-Deep-Neither	X
Additional Data Products Available	
Acceleration 3-Axis Archive	
Stomach Temperature	



Model: SPLASH10-351



Model: SPLASH10-397



Model: SPLASH10-283

SPLASH10PRODUCTSHEET-CONTINUED

KEY FEATURES AVAILABLE IN SPLASH10 CONFIGURATIONS

Highly Customizable Data Collection and Transmitting Schedule—researchers have the power to customize and prioritize data transmission to capture the information that is most significant for the project. Deployments can be tailored to achieve unique experimental objectives. Flexible transmissions provide the ability to extend the life of the tag by focusing on specific seasons or times of the year.

Full Data Archive Available on Recovery—SPLASH10 tags contain one GB of onboard memory for archiving data. This means when you recover your tag, your full data set is available, even if the battery is dead—data are maintained in the archive for up to 25 years.

Specialized Shapes—SPLASH10 tags come in over 60 shapes and configurations. They contain an array of sensors that gather a myriad of data products.

The Portal Advantage—SPLASH10 tags are supported by the Wildlife Computers Data Portal, a collection of data management tools and services. Developed specifically for the display and investigation of data from Wildlife Computers tags, the data portal streamlines the processes of acquiring, preserving, and sharing data services. The portal helps collect, prepare, and analyze the data returned from the tag—via Argos or the archive. Data are easily sorted, filtered, searched, uploaded, and shared. You can see a Google Earth display of your deployment track, color-coded to show the relative age of each location. You can also set up a live KMZ to get data into your own monitoring system.

TECHNICAL SPECIFICATIONS

Sensors	Depth, Temperature, Wet/Dry, Fastloc (light and accelerometer options)**
Depth Sensor Range	0-2000 m**
Depth Sensor Resolution	0.5 m**
Depth Sensor Accuracy	±1% of reading
Temperature Sensor Range	-40 °C to 60 °C
Temperature Sensor Resolution	0.05 °C
Temperature Sensor Accuracy	±0.1 °C
Light Sensor (When Installed)	$5 \times 10^{-12} \text{ W cm}^{-2}$ to $5 \times 10^{-2} \text{ W cm}^{-2}$
Operating Temperature Rating (°C)	-20° C to 50° C
Recommended Storage Temperature Range (°C)	-20° C to 5° C
Conductivity Operational Limits	0.1 to 5 S/m*
Memory	1 Gigabyte
Length (mm), Diameter (mm), Weight (g), Pressure Rating, Maximum Deployment Length	**

* Conductivity Operational Limits can be customized for freshwater applications. Please contact Wildlife Computers to learn more.

** Specification is dependent upon the configuration model. You can see different SPLASH10 configurations on WildlifeComputers.com

To Learn More Call: +1 (425) 881-3048 or Email: tags@wildlifecomputers.com