



Blink Astro

APPLICATIONS

Weather Forecasting

Environmental Health
Monitoring

Water Resource
Management

FEATURES

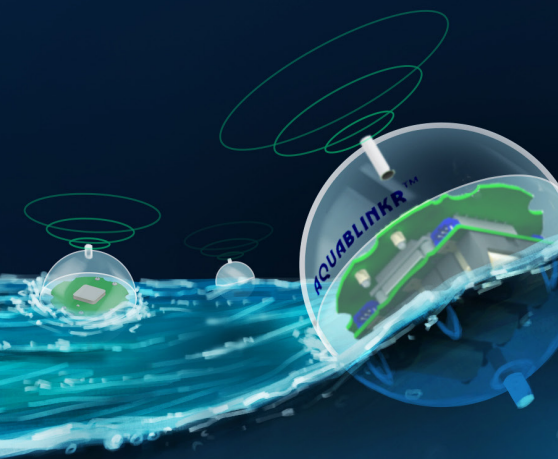
Water/Air Temperature Sensors

GPS

Low SWaP

Low Cost Hardware

(<\$500/unit at large volumes)



SpaceWorks

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AQUABLINKR™

DESCRIPTION

AquaBlinkR™ is an Internet of Things (IoT) sensor that is specifically tailored for maritime applications utilizing low-Earth-orbit satellite communications. **AquaBlinkR™** is a low power device capable of measuring global position and air & water temperature from on-board sensors.

The device was designed with a power-saving HyperSleep™ mode to conserve battery power and maximize lifetime. Data sampling and transmission intervals are customizable. The default configuration for **AquaBlinkR™** is to transmit sensor data twice a day with a total battery lifetime of 8.5 months resulting in over 6100 total messages.

SPECIFICATIONS

RADIO SPECS

FREQUENCY	SENSITIVITY	MAX EIRP
1616 – 1626.5 MHz	-116 dBm	29.8 dBm
MAX DATA RATE	MAX DOWNLOAD	MAX UPLOAD
2.4 kbps	270 bytes	340 bytes

Size, Weight and Power SWaP

- Volume: 550 cm³
- Mass: <300g
- Batteries Required:
Three CR123A Lithium
 - Auto-Power On
 - Replaceable
- Power Consumption:
 - Average: 0.16 mW
 - Peak: 2.75 W



DIAMETER: 4.0 IN HEIGHT: 4.5 IN