

Fixed Cyclops-7 Logger

Blue Green Algae, CDOM/FDOM, Chl A, Fluorescein Dye, Turbidity, Hydrocarbons and Wastewater Monitoring

The Fixed Cyclops-7 Logger is a logging device able to receive any of the Turner Designs Cyclops-7 sensors, which is permanently installed. The logger takes measurements at a variety of sampling rates, set by the customer, and then stores them to an internal SD card. It is a self contained unit with a diameter small enough to log within bore holes and other smaller diameter research spaces. Data are offloaded to a computer via a USB card reader for easy viewing and analysis.

Features

- Various sensors
- User Calibration
- Auto Ranging
- 2 GB internal memory card
- Small, durable and easy to use

Single Battery Endurance & Samples

Sample Interval	Endurance (days)	Samples
1	20	28,800
10	200	28,800
60	1200	28,800

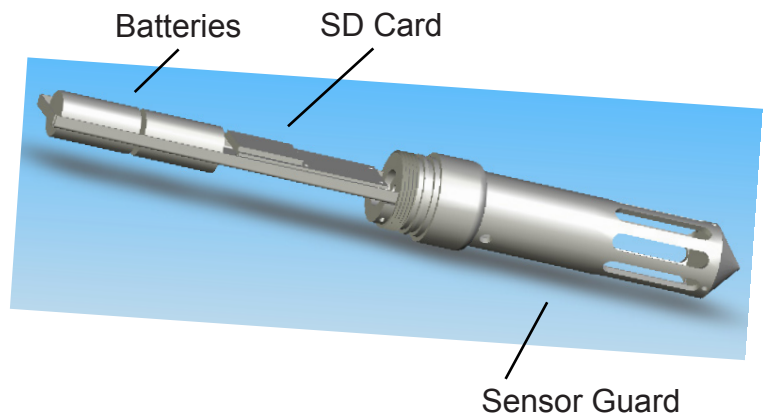
Battery: Two Alkaline C Cell batteries.

Available Measurements

Phycoerythrin	Fluorescein Dye
Phycocyanin	Optical Brighteners
CDOM/FDOM	Refined Fuels
Chlorophyll	Rhodamine WT Dye
Crude oil	Turbidity



Model of Design



Software

Software is supplied to allow the user to view measurements in a simple data plot. The software is a Java program. Java Run Time Engine (JRE) 1.6 or later is required.

