

Odyssey® P.A.R. Wiper Datasheet

The Odyssey® P.A.R. Wiper and mounting bracket system is designed to be used with the Odyssey® P.A.R logger to keep the P.A.R. logger sensor window clean from bio-fouling. The Wiper uses a magnetic drive



system so there is no moving parts passing through a water seal. The Wiper also stores the wipe count in the internal non-volatile memory along with other diagnostics, like obstructions, with a timestamp. When in range, the wiper wirelessly communicates to the Odyssey® Xtract software application (download free from Play Store or App Store) on your android phone or tablet and collects the recorded data. Settings are also transferred through by the Xtract App to the Wiper at the same time. When the Xtract application detects a network connection, it sends the data retrieved to the cloud database servers. Using any standard internet browser, connect to our Odyssey® Xpert Web portal to analyse your data.

Features

- Variable wipe time 10s to several days.
- Records wipe time & date
- Records any obstructions encountered.
- Wireless
- Fully submersible to 30m
- Includes mounting bracket & clamp to fit 12mm rod.

Specification: (typical conditions, Battery Voltage 3V, Temperature 22°C)

Calculated Battery Life – (Extended / Standard)	2 Years Based on 2 hour wipe interval
– (Industrial)	5+ Years (Dependent on average temperature)
Memory Capacity	60000
Water Proof	IP68 Submersible to 30m
Dimensions	46mm Diameter, 240mm Length plus bracket.
Operating Temperature – (Standard)	-20 to 55°C (no ice) (Standard battery with reduced life below 0°C)
- (Extended / Industrial)	-20 to 60°C / -30 to 85°C (no ice)
Wireless Communications	Bluetooth® LE
Supported Phone/Tablet	Android™ V8.0 or greater.
	Apple IOS [®] V9.3.6 or greater.
Battery (standard) (2 per wiper)	Alkaline AA 1.5V (Energizer Max _® E91)
Approvals	FCC, CE, RCM, ISED, MIC, KC, NCC, SRRC, WPC

DATAFLOW SYSTEMS LTD www.Odysseydatarecording.com

Page 1 V 10/25