

Project Update: December 2015

Raspiwhale (rW1) is a device used for measuring physiological, behavioural and environmental parameters in whales using an open source microcomputer *Raspberry pi*. The model rW1 was specifically developed for measuring temperature, pressure, three-dimensional movements (speed, rotation, and pitch), sound and video recording. rW1 is attached to the whales via suction cups that are released from the whale by a programmable electronic system. rW1 has operating autonomy, is waterproof, withstands pressure to 100 m deep and fleet what permit it to be recovered and reused. rW1 represents the first tag created with this technology and has recently won the prize INNOVAR 2015, a National Innovation Competition organised by the National Program Popularization Science and Innovation Ministry of Science, Technology and Productive Innovation of Argentina. Raspiwhale has filmed Puerto Madryn city for the first time and onboard a whale!!.

<http://ideaspi.com/raspiwhale/>

