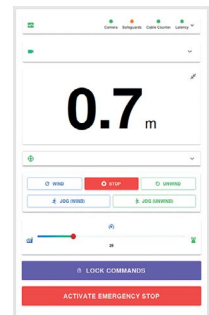
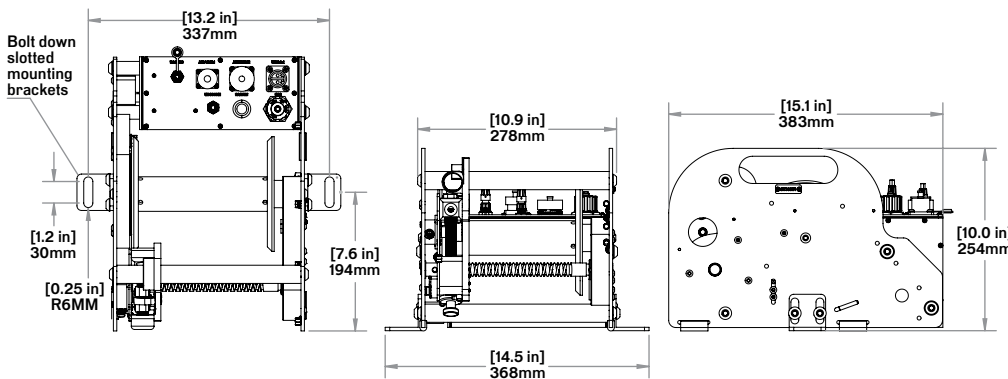
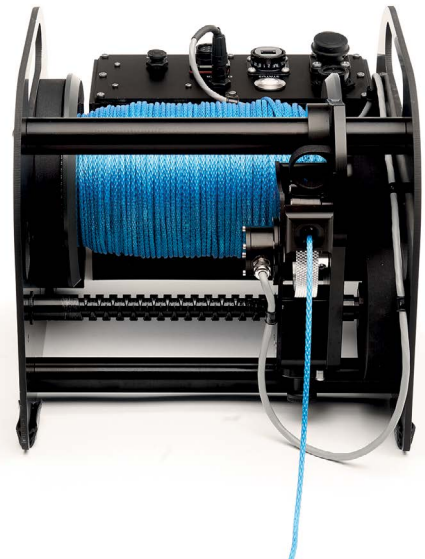


Caiman Smart Winch

The Reach Systems Caiman is a miniature winch with advanced control options, designed for deploying battery powered sensors and devices from Uncrewed Surface Vessels (USVs), smart buoys, and small manned vessels. At less than 9 kg in weight, and only 254 mm high, the Caiman fits almost anywhere; with support for more than 500 m of small wire cable or rope, it is a perfect solution for remote deployment and retrieval

of Conductivity, Temperature, and Depth sensors (CTDs), Sound Velocity Profilers (SVPs), Environmental DNA (eDNA) sensors, hydrophones, and more. The intuitive web control and available API make it easy to automate your sensing operations using existing wireless networks and locally available power, and the optional plug-and-play observation camera allows you to monitor winch activity in real-time through the same web interface.



Easy-to-use web interface

SPECIFICATIONS

Model	008-100-MO-AU	Options	USB Observation Camera, OEM/White Label branding available
Material	6061-T6 Aluminum	Ingress Protection	IP67
Weight	8.6 kg/19 lb (without cable)	Capacity	Cable Diameter × Max Length 2 mm × 700 m 3 mm × 300 m 4 mm × 150 m
Power	12 VDC @ < 100 W (~3 W standby)		
Cable Counter	Included		
Control	Local (optional) and remote		
Torque	12 Nm continuous		
Pull Force	17 Kg/37 lb Nominal 45 Kg/99 lb Max (empty drum)		
Speed	Max 37 RPM		