DeepView Technologies “Clean Break” ROV Specifications

General
Weight in Air 1474.41 kg
Dimensions:
  Length 92 cm
  Width 53 cm
  Height 41 cm
Power Requirements 12 Volts AC
Maximum Operating Depth 18 meters
Manufacturer's Production Cost 3400 USD

Vehicle Description
Propulsion 3x 9.6 N Seabotix BTD 150 Thruster
Manipulators Horizontal Gripper, Valve Actuator, Spring-loaded Claw, Water Sampler
Cameras 5x Harbor Freight underwater Cameras with 1x spare
Navigation 3x Harbor Freight monitors, 2x Joysticks
Primary Materiel Polyvinyl Chloride Plastic
Safety Features 1x 25 amp fuse, 2x 4 amp fuses, kill switches, banana leads

Company Information
Location Cornerstone Academy
  Gainesville Florida
Distance 1360 kilometers from destination
Mate History 2 previous international competitions with three returning members
Grade Range 10-12th grade

(From left to right: David Sorrels; Senior ROV Mechanic, Greg Spencer; Chief Software Engineer, David Shepard; CEO, Richard Hurlston; CFO, Manuel Angerhofer; Chief Design Engineer)