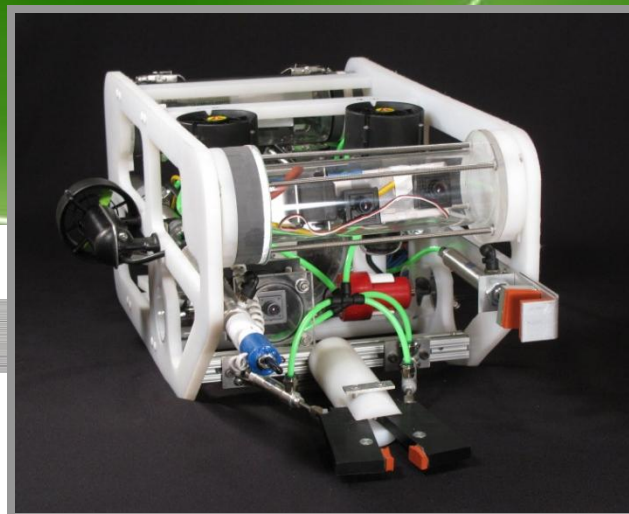


# DeepView Technologies

## DVTP20-4 ROV Specifications



### General

Weight in air	14 kg
Dimensions:	
Length	63 cm
Width	33 cm
Height	31 cm
Power Requirements	12 volts DC
Maximum Operating Depth	20 meters
Manufacturer's Production Costs	7100 USD

### Vehicle Description

Propulsion	Four Seabotix BTD150 Thrusters, 2 Modified Bilge Pumps
Manipulators	Horizontal Gripper, Auxiliary Gripper, Petroleum Probe
Special Features	Modular Payload System, Integrated Joystick Control, Color Cameras with Tilting Mechanism, On Board Pneumatic Control, Quick Disconnect Electronic Canister
Primary Material	Ultra-High-Molecular-Weight Polyethylene
Safety Features	One 25 Amp fuse, Protective Thruster Shrouds, Pneumatics and Electronics Kill Switch, Canister Water and Temperature Sensors



**Top Row:** Richard Hurlston, Chief Design Engineer; Greg Spencer, Chief Software Engineer; Jacob Darbyshire, CFO; Timothy Davis, Video Specialist  
**Bottom Row:** Manuel Angerhofer, CEO; Emily Davis, Media Specialist; Timon Angerhofer, Junior Software Engineer

### Company Information

Organization	Cornerstone Academy
Location	Gainesville Florida
Distance from Competition	190 km
Mate History	Three previous competitions with three returning members
Grade Range	9-12 Grade

