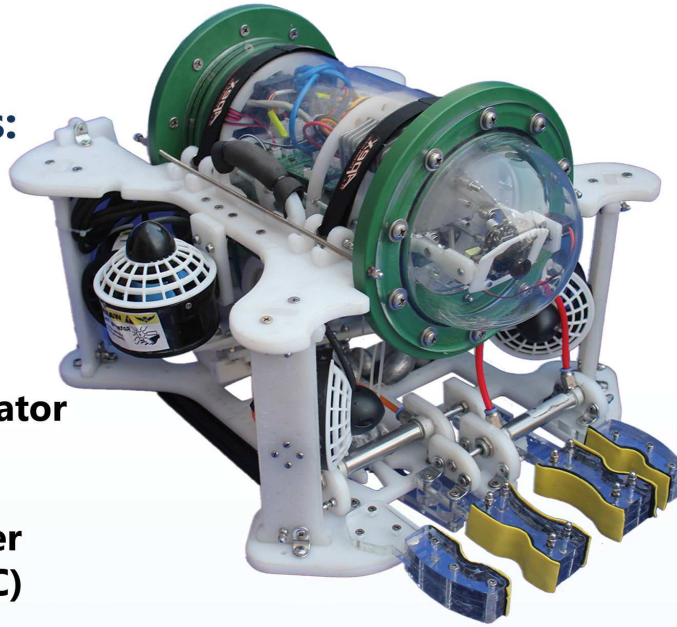




Aquaphoton Academy ROVs built to last ...



A returning company for the 9th year in the competition
Faculty of Engineering, Alexandria University
Alexandria, Egypt



Special Features:



Micro-ROV



Hybrid Manipulator



**Variable Thruster
Coordinate (VTC)**



Multiple Cameras

Total Cost:
60,508 EGP



Dimension:
Length: 53.6 cm
width: 46.5 cm
Height: 34.2 cm



Mass:
ROV mass: 15 kg
Tether mass: 4 kg



Total Man Hours:
4000 hr



Nautilus



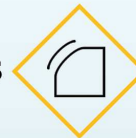
Safety Features:



Fuse:
30A Fuse on Nautilus,
7.5A Fuse on Micro-ROV.



Shrouded Thrusters



Soft Cornered Edges



**Strain Relieved
Tether**



Kill-Switch



**Software Emergency
Sequences**

Company Staff

22' Youssef El Rayes (CEO)
22' Abdalla Ibrahim (CFO)
21' Ibrahim El Shenhapy (Mechanical CTO)
23' Omar Mokhtar (Electrical CTO)
24' Hany Hamza (Electronics Engineer)
23' Mohamed Sherif (Electronics Engineer)
23' Perla Hatem (Electronics Engineer)
23' Rowan Mohamed (Electronics Engineer)

23' Alaa Shehab (Software Engineer)
23' Roeia Amr (Software Engineer)
23' Samanda Tarek (Software Engineer)
21' Abdelrahman Borham (Mechanical Engineer)
23' Alaa Arafa (Mechanical Engineer)
22' Ayman Adly (Mechanical Engineer)
21' Sara Adel (Mechanical Engineer)
24' Mohannad Yehia (Mechanical Engineer)

##': graduation year



MENTORS

-Ahmad Al-Tawil -Ahmed Tarek Thabet -Mohamed Daoud -Omar Abdel Moneim
-Ahmad Hindawy -Amr Mustafa -Mohamed Osman -Rozan Magdy



**9,700 Km to Johnson City,
Tennessee State, USA.**

