



AQUAPHOTON

Company Specifications

Company Name: AQUA PHOTON ,

Home State : Alexandria, Egypt.

Distance to regional competition: 15 km

Competition Participation: 3rd year participating

Education Level: all team members studying

Electromechanical engineering at 10th semester.

Mentor: Dr. Mohab Hossam



Company Members

Name	Role
Abd Elrahman Samir	Mechanical Engineer (Thrusters), CEO, CFO
Mostafa Hafez	Mechanical Engineer (Manipulator), Mechanical Team Captain, Fundraising
Ahmed Saeed	Mechanical Engineer (Frame & Bouncy), Pilot, Poster Director
Mostafa Abd Elaal	Mechanical Engineer (Vision System), media Director
Mohamed Mosaad	Mechanical Engineer (Thrusters), Safety officer, technical Writing
Moataz Tarek	Mechanical Engineer (Electric Canister & Bouncy), presentation Director
Mohamed Farouk	Mechanical Engineer (Manipulator), Tetherman, Workshop Director
Omar Ibn Elkhatab	Electric Engineer (Communication System), Electrical Team captain, CO-pilot
Mohamed Hassan	Electric Engineer (Power System & PCB)
Mohamed Zaytoon	Electric Engineer (Programming)



ROV Specifications

ROV Name: THE ADMIRAL 2

ROV Cost: 2,105 \$ (14,735EGY)

Primary Materials: TECAMID polyamide, Stainless steel

Total Weight: 48 kg **Dimensions:** 70cm X 50cm X 40cm

MAX. current consumption : 28Ampere

Safety Features:

- Safety Signs
- main Fuse
- No sharp edges
- Emergency Shutdown button
- Shrouded propellers
- tether well attached to ROV

Special Features:

- Smooth Propulsion Systems
- Powerful vertical Thruster
- Multiple function manipulators
- Camera Tilting Mechanism
- Lighting Spots
- Computer controlled