ABOUT THE TEAM (SUROVOTIC)

SURO 3D design (Credit: R. Daffa)

Nawfal  (11th grade, SMAN 2 Surabaya, 1st Year of MATE Competition): Chief Executive Officer
Firman Fathoni  (7th grade, SMPN 1 Surabaya, 3rd Year of MATE Competition): Chief Financial Officer
Daffa  (9th grade, SMPN 1 Surabaya, 2nd Year of MATE Competition) Design and Software Engineer
Pradana  (11th grade, SMAN 4 Surabaya, 1st Year of MATE Competition): Mechanical Engineer
Pradana  (7th grade, SMPN 6 Surabaya, 2nd Year of MATE Competition): Software Engineer

Surabaya, East Java, Indonesia

ROV SPECIFICATIONS

Cost: $1500
Dimension/Weight: 26cm tall by 38cm long by 28cm wide; 7kg
Special features:
  • Portable and compact design
  • Custom design PCB
  • IMU Sensor
  • Main Gripper with 2 dof, and side gripper
  • Graphical User Interface (for visualization)
Safety features:
  • Waterproof electronics tube
  • 25 Amp fuse on the positive side of the main power source
  • Emergency Cut Off Switch
  • Ampere and volt meter display