

# LINTANG SELATAN

## Sekolah Robot Indonesia

### TEAM MEMBER

AHISTYA PURBOLINTANG (CEO, PILOT, Head Programmer)  
MUHAMMAD REZA ARRAZI (CEO, CO-PILOT, Head Electrical Engineer)  
ADNA MUMTAZA FADLURROHMAN (Head Construction)  
KAISAR NIAFLZA (Programmer Team)  
FIRMAN FATHONI (Programmer Team)  
NAURAH AURELIA MAHJUDIN (CFO)  
MUCHAMAD ILHAM SYARIFULLAH ARABIY MAHJUDIN (Electronic Team Member)  
RACHEL YUSRIYAH BILQIS (Design Team Member)



**ROV Name :** LINTANG SELATAN

**Name of School :** Sekolah Robot Indonesia

**Construction Address :** Sidokare Asri BK 5, Sidoarjo, Jawa Timur Indonesia

**Name of Team :** LINTANG SELATAN TEAM

**Mentors' Names :** Yudi Triwibowo, Dhadhang SBW

**Company History :** four month of operation

### ROV specs:

Cost (USD): \$2281, 67

Primary materials: Aluminum Profile, Acrylic, PVC

Dimensions: 45 cm x 55cm x 40 cm

Mass (in air): 14 kg

**Safety features:** A main power switch will shut off the ROV instantaneously in case of an emergency. A 20 amp fuse is also installed in case of a short circuit. propeller protect

**Special features:** Solid aluminum profile, homemade actuator driven manipulator; Waterproof, transparent tube

**Electronics Container (WEC);** Motor controller and joystick based on arduino, RS 232 for communication

