



AUTONOMOUS UNDERWATER VEHICLE

#NavalSystems



DERİNGÖZ 100M/600, developed by ASELSAN,
is an Autonomous Underwater Vehicle that can be used
for exploration and surveillance purposes.



aselsan

AUTONOMOUS UNDERWATER VEHICLE

System Features

- 600-meters depth rating
- 8-hours nominal, 24-hours of operation with extra two batteries
- Cabled, wireless and acoustic communications
- Custom system configuration options
- Maximum speed of 5 knots, operational speed of 3 knots
- Easy to use and maintain

System Components

- Autonomous Underwater Vehicle
- Mission Planning Computer
- Post-mission Analysis and Evaluation Computer
- Charging Station
- Transport and Service Equipment

Technical Specifications

- Maximum Operating Depth : 600 meters
- Endurance : 24 hours (extra battery)
- Maximum Speed : 5 knots
- Operational Speed : 3 knots
- **Payloads**
 - Camera
 - Side Scan Sonar
 - Multibeam Echosounder
 - Synthetic Aperture Sonar
 - Obstacle Avoidance Sonar
- **Wireless Communication**
 - Wi-Fi
 - Iridium
 - Acoustic Modem
- **Navigation**
 - INS
 - DVL
 - USBL
 - GNSS
 - Depth Sensor

