



# DERİNGÖZ

aselsan

100M/600

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

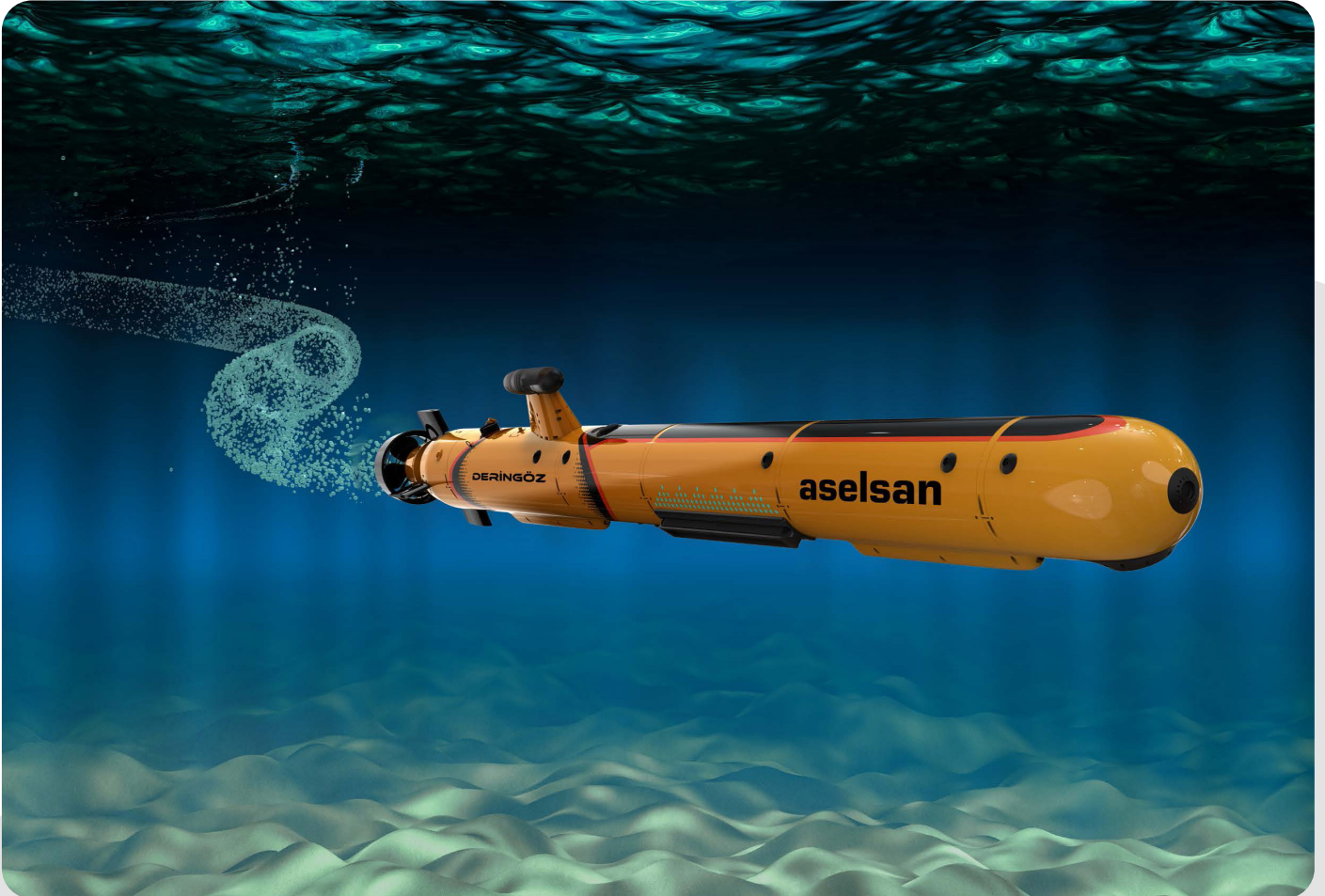
- 600-meters depth rating
- 8-hours nominal, 24-hours of operation with extra two batteries
- Cabled, wireless and acoustic communications
- Custom system configuration options
- Maximum speed of 5 knots, operational speed of 3 knots
- Easy to use and maintain

#### 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



Specifications are subject to change without any notice. | All tolerances are within  $\pm 10\%$ .

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