



# 自主式水下載具 (AUV)



本所自美國 Woods Hole Oceanographic Institution (WHOI) 引進 Seabed AUV，並簽署合作協定，目前正積極進行 AUV 關鍵技術研發



- Depth Capability 700m
  - Size 2.0m(L), 1.5m(H)
  - Mass 200 kg in air
  - Speed Range 0.2-1.0m/s (Typical 0.5m/s)
  - Rechargeable Batteries (8 hour endurance)
  - Propulsion Three DC Thrusters
  - Navigation - 1200kHz RDI navigator
  - Depth - Paroscientific pressure sensor
  - Micromodem for Low Bandwidth Comms
  - High Dynamic Range GigE Camera
  - Imagenex DeltaT Multi-beam Sonar
  - Locating System - Acoustic Modem
- & Self-contained Flasher

