

MARINE TECH  
ROBOTICS

*Scan Drone*



# RSV Scan Drone

## CHARACTERISTICS

- **Size (Length x Width x Height) :** 3.2 x 1.7 x 1.2m
- **Weight :** 250 kg
- **Draft :** 0.4m
- **Payload :** 100 kg
- **Engine :** 2x3 kw (electric)
- **Control :** manual, autopilot
- **Endurance :** 24 hours
- **Speed :** 0-10 knots
- **Sea state :** up to 3



## SENSORS

Single Beam Echosounder  
Multibeam Echosounder  
ROV  
Sub Bottom Profiler  
Side Scan Sonar/ADCP

Gyrocompass/Motion-Sensor  
HD Camera and video  
Lidar/Infra-red camera  
Photogrammetry  
UAV tethered deployment



UAV



Multi-Beam  
Echosounder



ROV

## APPLICATIONS

2D/3D Mapping  
Subsea works monitoring  
Aerial inspection  
3D digital twin

