



## Chinook

The Chinook has been specifically configured to quickly and effectively perform a variety of inspection tasks.

The system has a small footprint making it ideal for quick mobilization to any situation; either land based or from a small vessel, and with minimal power requirements.

### System Specifications

<b>General</b>	Depth Rating – 350 metres Speed Rating – 3 knots 180 Kg Total System Weight 33 Kg Submersible Weight Size: 686mm x 384mm x 406mm	<b>Propulsion (Horizontal)</b>	Four Drive: Direct/Geared Motor: Brushless Propellers: 100mm 22 kg of thrust
<b>Video</b>	Recording: Integrated DVR (.AVI) One button recording and still capture Video Out: Digital & Analog Composite	<b>Propulsion (Vertical/Lateral)</b>	Two Drive: Direct/Geared Motor: Brushless Propeller: 100mm 11kg of thrust
<b>Sensors &amp; Tooling</b>	Navigation: Compass Heading, Pitch & Roll, Depth, Water Temp Leak Indicator, Temperature Sensor Aux Sensor Ready (Sonar, multibeam, CP, UT) 2,5 and 7 function Manipulators available High speed rotary cleaning Brush Sampling Carousel	<b>Power</b>	100-240 VAC surface supply 48 V- DC aux available subsea
<b>Main Camera Features</b>	Location: Front pressure Canister Features: Colour <1.5 lux Zoom: 10X Optical Resolution: NTSC Broadcast Quality SD, HD Available. Focus: Manual and Automatic View Angle: 90° Horizontal 140° Diagonal Tilt Range: +/- 90°	<b>Rear LED Camera Features</b>	Location: Rear Frame – manually adjustable and fixed outside the pressure hull. Features: Colour <1.0 lux Resolution: NTSC SD Focus: Fixed
<b>Lighting</b>	Forward: 2 Optimized High intensity LED 1,500 to 3600 Lumens Rear: LED Cam lights On/Off with Camera Aux Forward or Rear: 2 High intensity LED 3600 Lumens On/Off control	<b>Tether</b>	Diameter: 10mm Breaking Strength: 700 kg f, Kevlar reinforced Neutral Buoyant Copper conductors Fiber Tether available