



## CHINOOK ROV

The Chinook is an industrial grade inspection ROV with a wide range of capabilities. Explore depths up to 300 m (1,000') with the standard vehicle or 600 m (2,000') with the deep water version.

A true workhorse, the Chinook offers a stable platform yet remains compact. With its small profile, the Chinook can operate in tight places

and is easily stowed when not in use. Multiple handles and frame cross members allow two people to handle this ROV with ease.

For greater versatility, customize your Chinook by adding accessories such as extra thrusters, navigational searching aids, manipulators, tool skids and more.

### FEATURES

- > Intuitive controller
- > High-resolution colour, zoom camera
- > Variable speed & directional ROV control
- > Integrated controller with LCD monitor
- > Digital Video Recorder (DVR)
- > Manual & automatic camera focus control
- > Depth-rated to 300 m (1000') or 600 m (2,000') with deep-water model
- > Up to six (6) powerful thrusters
- > Auto depth, auto heading functions
- > Leak detection warning system
- > Tether-launchable

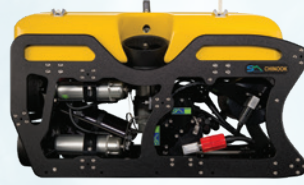
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## DIMENSIONS & ATTRIBUTES

<b>Depth Rating</b>	300 m (1,000') or 600 m (2,000') with deep water model
<b>Size (L x W x H)</b>	686 mm x 384 mm x 406 mm (27" x 15.1" x 16")
<b>Diagonal</b>	533 mm ( 21")
<b>Weight in Air</b>	33 Kg (72 lbs) (6-thruster vehicle trimmed for fresh water)
<b>Construction</b>	Anodized aluminum, stainless steel, syntactic foam & marine-grade polymers

## THRUSTERS

<b>Configuration</b>	2 or 4 horizontal & 2 vertical/lateral thrusters, built-in short-circuit protection on each channel
<b>Speed</b>	2 knots (dependent on environment & configuration)

## AUXILIARY CAMERA & LIGHTS

<b>Type</b>	Colour or black & white, low light
<b>Format</b>	NTSC or PAL
<b>Focus</b>	Fixed
<b>Light</b>	2 x 1,500 lumens (3,000 lumens total) on/off control

<b>TETHER</b>	<b>Available in twisted pair or fibre optic configurations</b>
<b>Length</b>	335 m (1,100') standard starting length; max. std. length 500 m (1,640') for twisted pair; 625 m (2,050') for fibre optic, on manual reel
<b>Diametre</b>	10 mm / 0.4" (nominal)
<b>Breaking Strength</b>	700 kg f, Kevlar reinforced
<b>Weight in Water</b>	Neutrally buoyant in fresh water

## FORWARD CAMERA & LIGHTS

<b>Format</b>	NTSC or PAL (full broadcast-quality)
<b>Focus</b>	Manual & Automatic
<b>Zoom</b>	3x optical, up to 32x total zoom
<b>Tilt Range</b>	+/- 90 degree rotation
<b>Lights</b>	2 x 1,500 lumens (3,000 lumens) dimmable high-intensity LED
<b>Lasers</b>	Optional parallel green lasers on 150 mm (6") baseline for scale reference

## CONTROL SYSTEM

- > Pelican Case mounted controller
- > Built-in 15" LCD monitor
- > Digital video recorder included
- > Video overlay: depth, heading, auto-depth, auto-heading, pitch/roll, tether turns counter, date & time

## SENSORS

- > Pressure/depth
- > Compass heading
- > Pitch & roll
- > Dedicated leak & temperature sensors in both the electronics & camera canisters

## OPTIONS

- > Aux Camera
- > High brightness monitor
- > Extra monitor in power supply case
- > Aux float that adds extra payload (1.5lbs/0.7kg)
- > Hand-held controller
- > Laser
- > HD video
- > Sonar integration
  - Imagenex 852 Sonar
  - Imagenex 881A Sonar
  - Imagenex 965A Sonar
  - Blueview M900
  - Soundmetrics Aris 3000
  - Tritech Gemini 720is
  - Tritech Gemini 720im
  - Tritech Gemini 720ik
  - Tritech Micron DST sonar
  - Tritech MicronNav USBL
  - MicroNav USBL GPS antenna option
  - Tritech Micron Echosounder
- > USBL integration
  - LinkQuest Tracklink 1500LC USBL
  - Tritech MicronNav USBL
  - MicroNav USBL GPS antenna option
- > SEAMOR Auxiliary LED lights
- > Dual-function gripper (open/close & jaw rotation) &/or cutter
- > Rotating Brush
- > Interchangeable skid-mounted instrumentation or tooling platforms
- > CT & UT probe integration
- > Altimeter with auto altitude control