



# FOCUS

## TECHNOLOGY SOLUTIONS

## SEAEYE FALCON+

**Observation class ROV, Fully Contained, Small Footprint, Rapid Deployment**

The **Seaeeye Falcon+** includes:

- **Full HD 1080p Colour Video** camera as standard along with a composite colour camera
- 2 channels of RS232 and 2 channels of isolated RS485 over **Ethernet**
- Self-contained, with integral crane, small footprint solution which can be made ready to dive in under 2hrs of installation
- Globally recognised for its power and reliability making it the ideal ROV for UWILD inspections, benthic surveys, seabed surveys, pipeline inspections, dam inspections, and general maintenance tasks

7 Lerista Court, Bibra Lake  
Western Australia, 6163  
Australia

T +61 8 9409 4391  
ABN 49149342558

E [Info@Focustechnology.com.au](mailto:Info@Focustechnology.com.au)  
W [Focustechnology.com.au](http://Focustechnology.com.au)

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# Seeye Falcon+ Specifications

## Main Applications

- Inspections of fixed & floating offshore structures
- UWILD NDT inspections
- Benthic surveys
- Seabed surveys
- Pipeline and cable inspections – pre-lay, touchdown monitoring, as-laid and as-built
- Diver replacement
- Additional tooling and sensor options include Contact/Proximity & field gradient CP probes, Smartrack pipetracking system, rotary brush, Tritech Sea Prince Sonar.

## Performance

Forward Thrust (kgf):	50
Lateral Thrust (kgf):	28
Vertical Thrust (kgf):	13
Maximum Speed (knots):	3

## Sensors

Compass:	SI-NAV02 +/- 1 deg accuracy
Depth Sensor:	EAF 500 +/- 0.5% FSD accuracy
Sonar:	Tritech Sea Prince

## Lights and Cameras

Lights:	3*36W LED
Cameras:	Standard PAL Pilot Camera and separate Full HD 1080p Camera
Tilt:	180°

## Ethernet Connectivity

Video:	2 IP Full HD 1080p colour with focus
RS232:	2 Channels
RS485:	2 Isolated Channels



## Vehicle Specifications

Depth Rating (msw):	300
Dimensions (L x W x H - m):	1.0 x 0.5 x 0.6
Weight in air (kg):	60
Payload (kg):	14
Umbilical maximum length (m):	500

## Optional Equipment

- Single Function Manipulator / Rope Cutter
- Cleaning Brush
- Cutting Tool
- Deck deployed HP Water Jetting
- CP Contact and Proximity
- Marine Growth Thickness probe
- USBL positioning system
- Additional camera (switchable with main camera)
- Additional options are possible, including hydraulic tools, with an electro-hydraulic underslung skid fitted

## Kevrek 1500s Crane

Maximum Lift Capacity	1,250kg @ 1.2m 500kg @ 3.0m (std outreach) 375kg @ 4.0m
Lifting Height	4.1m
Slewing Angle	290 degrees

## Control & Storage Van

Dimensions (L x W x H - mm):	2,991 x 2,438 x 2,591
Weight (kg):	4,200
Power (VAC / amp):	440 / 32 (Containerised) 240 / 15 (ROV & topside only)

Facilities:	Airconditioned and well lit work station for 2 man crew.
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