
















ROV	BlueROV2	Blueye X3	M2 PRO	Revolution	Pivot	Photon	ROV-500	ROV-3000	Fifish Pro W6	SRV-8	Falcon	Chinook	Fusion	Defender	Pro5
Image															
Manufacturer	Blue Robotics	Blueye Robotics	Chasing	Deep Trekker	Deep Trekker	Deep Trekker	Outland	Outland	Oysea	RJE	Saab Seaeye	Seamor	Strategic Robotics Systems	VideoRay	VideoRay
Release Year	2016	2021	2021	2021	2021	2023	2023	2023	2019	2020					
Description		4 thruster underwater drone with 3 guest ports for integration of different external equipment.	8 vectored, omni movement, underwater drone with 4k camera	6 thruster, carbon fibre shell, anodized aluminum and stainless steel body and sapphire lens cover	Perform efficient, accurate and convenient inspections and surveys with the Pivot Smart. The Smart package gives you everything you need to perform				6 thruster, omni directional	8 thruster DVC gives full 360° maneuverability along 6 axes	5 thruster vectored		ROV/AUV	Modular, configurable 6-DOF ROV with many expansion options and strong current-handling capability.	Modular 3-DOF successor to VideoRay's original Pro ROVs.
ROV Price with (100m tether, tether spool)	\$5,720.00-\$7,085.00	\$21,000.00	\$3,459.00	\$37,999.00	\$17,599.00	\$11,999.00	\$24,000.00	\$69,995.00	\$2,999.00					\$263,600.00 [1]	\$74,800.00 [2]
Topside Controller Price			\$1,999-\$2,999	included	included	included	\$16,000.00	included							
Battery Powered	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Topside Powered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lights	OTPS (\$12,000)	3300 lumens	2 x 2000 lumens	8400 lumens - External floodlights 20000 lm Optional	7100 lumens - External floodlights 20000 lm Optional	2200 lumens - External floodlights 20000 lm Optional	2 x 1500 lumens	2 x 5000 lumens	6000 lumens	4x 1500 lumens	6400 lumens	2 x 1500 lumens		2 x 7600 lumens	2 x 7600 lumens
Camera	1080p	HD tilt cam 1080p	4k	Enhanced 4K, 260 Degree Rotation	Enhanced 4K, 220 Degree Rotation	Enhanced 4K, 270 Degree Rotation	1080p	1080p	4k	HD	Analog 480TVL	Analog (NTSC/PAL)	1080p	1080p, 25 fps	1080p, 25 fps
Weight	13.4 kg	9.0 kg	5.9 kg	26 kg	17 kg	12 kg	10 kg	32 kg	5 kg	18 kg	60 kg	33 kg		17 kg	12 kg
Size	46 cm x 34 cm x 25 cm	49 cm x 26 cm x 35 cm	19 cm x 11 cm x 7 cm	44 cm x 24 cm x 72 cm	36 cm x 31 cm x 55 cm	33 cm x 23 cm x 48 cm		72 cm x 62 cm x 18 cm	38 cm x 33 cm x 14 cm	50 cm x 33 cm x 43 cm	100 cm x 50 cm x 60 cm	67 cm x 38 cm x 41 cm		71 cm x 40 cm x 24 cm	51 cm x 33 cm x 26 cm
Control degrees-of-freedom	5-6DOF	4 DOF	6 DOF	5 DOF	5 DOF +97 Degree Tilt Platform Rotation	5 DOF	3 DOF	3 DOF	6DOF	6 DOF	5 DOF	5 DOF	6 DOF	6 DOF	3 DOF
Depth Rating	100 m, 300 m	305m	150m	305 m	305 m	120 m	300 m	600 m	100 m	305 m	300 m	300 m, 600 m		1000 m [5]	305 m
Max Forward Speed	1.5 m/s	150m	200m	2 km	2 km	2 km	300 m	300 m	300 m	300 m	450 m [4]	1 m/s		2 m/s	2.2 m/s
Max Tether Length	300 m	150m	200m	2 km	2 km	2 km	300 m	300 m	300 m	300 m	450 m [4]	625 m	2 km		
Software Operating System	BlueOS	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	SubNav	iCON			Greensea OPENSEA	Greensea OPENSEA
Open Source Software	yes	no	no	API available	API available	API available	no	no	no	no	no	no	no	no	no
Software Extensions Available	yes	no	no	yes	yes	yes	no	no	no	no	no	no	no	no	no
Assembly Required?	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no
Recommended Gripper(s)	Newton Gripper (\$590)	Newton Gripper Reach Robotics Manipulator	Chasing Gripper (\$399-\$799)	DeepTrekker (included)	DeepTrekker (included)	DeepTrekker (included)	Newton Gripper	Single Function Manipulator (\$1695) Two Function Manipulator (\$938)			Seayee Griptstick			Reach Robotics Alpha 5 (5xx)	Reach Robotics Alpha 5 (5xx)
Recommended USBL(s)				SeaTrac USBL (\$10,999)	SeaTrac USBL (\$10,999)	SeaTrac USBL (\$10,999)				BluePrint Subsea Seatrac USBL				Blueprint Subsea Seatrac (5xx)	Blueprint Subsea Seatrac (5xx)
Recommended DVL(s)	Water Linked A50 (\$6,950) Ceulean DVL50 (\$2,000)	Water Linked DVL A50		Water Linked A50 (\$10,580)	Water Linked A50 (\$10,580)	Water Linked A50 (\$10,580)		Water Linked A50 (\$5,900) Water Linked A125 (\$9,900)			Nortek			Nortek DVL500 Compact [5]	
Recommended Scanning Sonar(s)	Ping360 (\$2,450)	Ping360 Tritech Micron		Imagex Side Scan Imagex 852 Oculus C550d	Imagex Side Scan Imagex 852 Oculus C550d	Imagex Side Scan Imagex 852 Oculus C550d		Tritech Micron (\$7,848) Ping360 (\$2,450)		Tritech Micron	Imagex 881A	Tritech Micron		Tritech Micron	Tritech Micron
Recommended Multibeam Sonar Price(s)	Sonotix ECHO (\$8,950)	Blueprint Oculus Tritech Gemini	Blueprint Oculus Blueprint Gemini	Oculus M series (\$25,999 - \$38,998)	Oculus M series (\$25,999 - \$38,998)	Oculus M series (\$25,999 - \$38,998)		Gemini 1200iK (\$25,553)		Blueprint Oculus	BlueView	Tritech Gemini Series		Tritech Gemini Series Blueprint Subsea Oculus Series	Tritech Gemini Series Blueprint Subsea Oculus Series
Other Supported Accessories				- Sensors and Measurements - Sonar and Positioning - Manipulators and Tools and Cutters - Cameras and Lighting - Samplers	- Sensors and Measurements - Sonar and Positioning - Manipulators and Tools and Cutters - Cameras and Lighting - Samplers	- Sensors and Measurements - Sonar and Positioning - Manipulators and Tools and Cutters - Cameras and Lighting - Samplers		CP Probe Cleaning Wire Brush Laser Scaler						Atlantia Marine Cyclone CP Oygunus Ultrasonic Thickness Gauge Impact Subsea FMD YSI EX02 Multiparameter Sonde	Atlantia Marine Cyclone CP Oygunus Ultrasonic Thickness Gauge Impact Subsea FMD YSI EX02 Multiparameter Sonde
Website	https://bluerobotics.com/en/rovs/bluerov2/	https://www.blueyeroobotics.com/products/x3	https://www.chasing.com/en/chasing-m2pro-overview.html	https://www.deeptrekker.com/shop/products/revolution-x-rov	https://www.deeptrekker.com/products/underwater-rov/pivot	https://www.deeptrekker.com/products/underwater-rov/photon	https://www.outlandtech.com/product-page/rov-500	https://www.outlandtech.com/product-page/rov-3000	https://store.oysea.com/fifish-v6.html	https://www.oceanbotics.com/sr-8-features/	https://www.saabseeye.com/robotics/underwater-vehicles/falcon		https://www.srfusion.com/products/fusion	https://videoray.com/products/mision-specialist-defender/	https://videoray.com/products/mision-specialist-pro-5/
in action videos				https://www.youtube.com/watch?v=CQAZESpRBUg&list=PLCmg67AX172v7NuRoc1uG045A2x9z830oc1AQB	https://www.youtube.com/watch?v=3P9m9h0Vxk8P8&list=PLCmg67AX172v7NuRoc1uG045A2x9z830oc1AQB	https://www.youtube.com/watch?v=3P9m9h0Vxk8P8&list=PLCmg67AX172v7NuRoc1uG045A2x9z830oc1AQB									
manufacturer verified pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
source files												https://drive.google.com/drive/folders/13w80uqP1Ac4G0D1wNDKz25Sv7D0A31Dvme-dfve-link		https://drive.google.com/drive/folders/13w80uqP1Ac4G0D1wNDKz25Sv7D0A31Dvme-dfve-link	https://drive.google.com/drive/folders/13w80uqP1Ac4G0D1wNDKz25Sv7D0A31Dvme-dfve-link
last updated	1 December 2023	1 December 2023	1 December 2023	1 December 2023	1 December 2023	1 December 2023	1 December 2023	4 December 2023	1 December 2023	1 December 2023	1 December 2023	1 December 2023	1 December 2023	4 December 2023	4 December 2023

[1] Unable to find price according to reference configuration (100m tether, spool).

This price is from publicly available acquisition information dated Sept 2019 and includes:

- Defender MSS ROV
- Nortek DVL1000
- Blueview M900-2250-130 and rugged laptop
- Manipulator with 5 interchangeable jaws
- 400m of tether + 100m of tether
- 3 days of training

Source:

[2] Unable to find price according to reference configuration (100m tether, spool).

This price is from publicly available GSA information dated June 2022 and includes:

- Pro 5 ROV
- VideoRay Manipulator
- Oculus M750D Sonar
- 40m tether and tether bag

Source:

<https://d3n9y02raazwpg.cloudfront.net/pcbgo/779093e5-4684-11ec-a798-0050569183fa-b95fcb69-f19b-4652-8495-9f0a506dc971-1657304780.pdf>
https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/1438726/Quotation_Video_Ray_SF_19509_P5_01_JUN22_PCBPD__GSA__V1.pdf

[3] w/ upgrade buoyancy

[4] Fiber available for longer lengths

[5] Shared by Nortek directly, 12/5/23