



JM BlueROV2 P8 Pro

JM BR2 P8 PRO er bygget på BlueROV2 fra Blue Robotics, CA USA. Videreutviklet av JM Robotics® for å gi deg markedets mest kostnadseffektive ROV system. Systemet er enkelt i bruk og gir deg mulighet for rask og effektiv mobilisering. Dybdekapasitet fra 100 - 300 meter.

ROV'en er batteridrevet med operasjonstid på inntil 4 timer i normale forhold.

JM BR2 er robust, fleksibel og klargjort for DVL, sonar og undervannsposisjonering.

Online Support:

JM Remote-support er pre-installert på ROV-terminal.

Med Remote-support kan vi feilsøke, oppdatere og vedlikeholde ditt ROV System.

ROV er klargjort med 1x aux inngang for ekstra utstyr. (USB eller Ethernet og 12V, valgfri RS232 eller RS485 og strøm).



JM Robotics

TEKNISKE SPESIFIKASJONER

Physical	
Length	457 mm
Width	570 mm
Height	254 mm
Weight in Air w/ ballast	16 kg
Weight in Air w/o ballast	15,5 kg
Net Buoyancy w/ballast	0,2 kg
Net Buoyancy w/o ballast	0,6 kg
Watertight Enclosure Inner Dia	102 mm
Watertight Enclosure Inner Length	298 mm
Cable Penetrator Holes	18 x 10 mm
Construction	HDPE Frame
Main Tube (El. Enclosure)	Aluminum 4" series
Battery Tube	Aluminum 3" series

Buoyancy Foam	R3319 urethane 244m
Ballast Weight	3x200 g stainless steel
Battery Connector	Cobalt 4 pin

Performance	
Maximum Rated Depth	100 m - 300m
Maximum Forward Speed	1,5 m/s - 3 knots
Thrusters	BlueRobotics T200
ESC	BR Basic 30A ESC
Thrusters Configuration	8 Thrusters - 4 Vectored - 4 Vertical
Forward Bollard Thrust	9kgf
Vertical Bollard Thrust	15kgf
Lateral Bollard Thrust	9kgf

Camera	
Camera	1080p HD, low-light
Camera Field of View	110° horizontally
Tilt Range	+/- 90 degree
Tilt Servo	Hitec HS-5055MG

Lights	
Brightness (with dim control)	4 x 1500 lumens
Light Beam Angle	135°

Sensors	
3-DOF Gyroscope	
3-DOF Accelerometer	
3-DOF Magnetometer	
Internal Temperature sensor	
BR Bar 30 Pressure/Dept & Temperature Sensors, external	
Current and Voltage Sensing	
Leak Detection	

Battery (can be changed in about 30 seconds)	
Battery Life (normal use)	2-3 hours w/ 18Ah battery
Battery Life (light use)	4-5 hours w/ 18Ah battery

External Interface	
1 AUX Input and 12V w/ optional Ethernet and serial data	

Tether

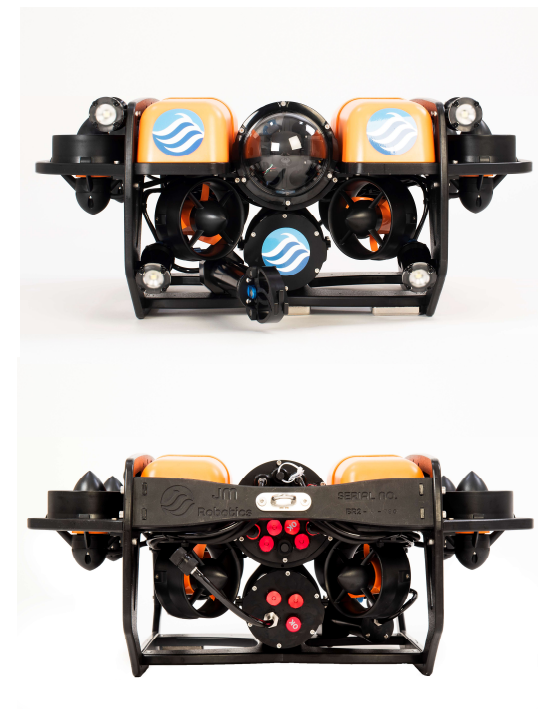
Diameter	7,6 mm
Length	50-300 m
Working Strength	45 kgf
Breaking Strength	160 kgf
Stength Member	Kevlar with waterblock
Buoyancy in Freshwater	Neutral
Buoyancy in Saltwater	Slightly Positive
Conductors	4 twisted pairs, 26 AWG

Fathom Slim ROV Tether

Diameter	4.0 mm
Length	50-200 m
Working Strength	35 kgf
Breaking Strength	155 kgf
Stength Member	Kevlar with waterblock
Buoyancy in Freshwater	Neutral
Buoyancy in Saltwater	Slightly Positive
Conductors	1 twisted pair, 26 AWG

Product Features

- Live Low-Latency 1080p HD Video
- Highly Maneuverable Vectored Thruster Configuration
- Stable and Optimized For Inspection and Research-Class Missions
- Easy to Use, Cross-Platform User Interface
- Highly Expandable with Three Free Cable Penetrators T200 Thrusters and Basic ESCs
- Standard 100m Depth Rating and up to 300m Tether Available
- Battery Powered with Quick-Swappable Batteries For Long Missions
- Open-Source ArduSub Control Software and Open-Source Hardware
- Available Single Function Manipulator and Tether Spool



OMAGATA 122, KRISTIANSUND



+47 9241 84 567



SALG@JMROBOTICS.NO

VISIT OUR WEBSITE: WWW.JMROBOTICS.NO