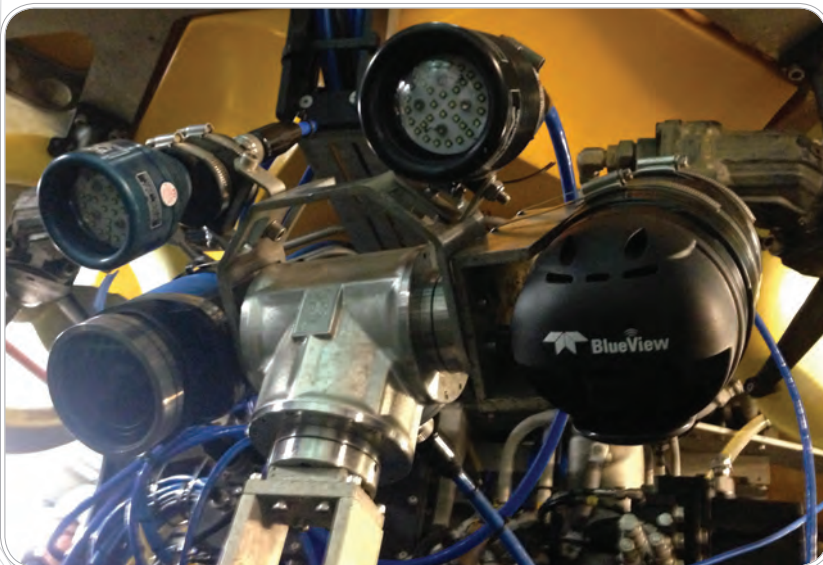


Teledyne BlueView

M900-2250-130 Series

Dual-Frequency Sonar

The dual-frequency 900 kHz and 2250 kHz provide the most versatility of any 2D imaging sonar. The 900 kHz offers high-resolution long range navigation, object detection, and obstacle avoidance, while the 2250 kHz provides ultra-high resolution at close range. ROV navigation, hull inspections, structure inspections, diver monitoring, and search and recovery are a few applications that benefit from the dual-frequency's imaging capabilities.



PRODUCT APPLICATIONS

All M Series sonar operate while in motion or from a stationary position delivering real-time imagery and data.

- ROV navigation
- Object detection
- Target tracking
- Obstacle avoidance
- Operations monitoring
- Equipment/tool placement
- Search and recovery
- Area survey
- Close-range high-resolution object identification

M900-2250-130 Series

Dual-Frequency Sonar

TECHNICAL SPECIFICATIONS

		M900/2250
Sonar	Field-of View	130°
	Max Range	100 m (328 ft) / 10 m (33 ft)
	Optimum Range	2-60 m (6.6-197 ft) / 0.5-7 m (1.6-23 ft)
	Beam Width	1 x 20° (900 kHz) / 1 x 20° (2250 kHz)
	Beam Spacing	0.18°
	No. of Beams (90, 130 FOV)	768
	Range Resolution	1.3 cm (0.54 in) / 0.6 cm (0.25 in)
	Update Rate* within Optimum Range	Up to 25 Hz / Up to 25 Hz
	Operating Frequency	900 kHz / 2250 kHz
Interface	Supply Voltage	12-48 VDC
	Max Power Consumption**	2250 kHz - 25.8 W 900 kHz - 20 W
	Connectivity	Ethernet
Mechanical	Weight in Air (std/deep)	4.3 lbs / 11 lbs
	Weight in water (std/deep)	0.95 lbs / 5.1 lbs
	Depth rating (std/deep)	1000 m (3280 ft) / 4000 m (13120 ft)
	Dimensions*** (L x W x H)	8.6 in x 5.0 in x 5.0 in (4.0 inch can) / 10.2 in x 5.0 in x 5.0 in (5.0 inch can)

* Range-dependent

** Non-VDSL unit at 24 VDC

*** Length does not include connector length

Specifications subject to change without notice.
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