



## Specifications UL3000

### DIDSON 3000m LR

Depth rated to 3000 meters

#### Detection Mode

Operating Frequency	0.7 MHz
Beamwidth (two-way)	0.8° H by 14° V
Number of Beams	48
Beam Spacing	0.6°
Extended Range Settings	
(Extended) Window Start	0.83m to 52.3m in 0.83m steps
(Extended) Window Length	10m, 20m, 40m, 80m
Range Bin Size (relative to window length)	20mm, 40mm, 80mm, 160mm
Pulse Length (relative to window length)	23µs, 46µs, 92µs, 184µs

#### Identification Mode

Operating Frequency	1.2 MHz
Beamwidth (two-way)	0.3° H by 14° V
Number of Beams	96
Beam Spacing	0.3°
Extended Range Settings	
(Extended) Window Start	0.42m to 26.1m in 0.42m steps
(Extended) Window Length	2.5m, 5m, 10m, 20m
Range Bin Size (relative to window length)	5mm, 10mm, 20mm, 40mm
Pulse Length (relative to window length)	7µs, 13µs, 27µs, 54µs

#### Both Modes

Max Frame Rate (range dependent)	2-21 frames/s
Field-of-view	29°
Remote Focus	1m to Infinity
Control & Data Interface	UDP Ethernet
Aux Display	NTSC Video
Max cable length (100/10BaseT)	61m/152m (200ft/500ft)
Max cable length (twisted pair, Patton Extender)	1220m (4000ft)
Max cable length (fiber optics)	kilometers
Power Consumption	25 Watts typical
Weight in Air	13.2 kg (29.0 lb)
Weight in Sea Water	5.4 kg (12.0 lb)
Dimensions	32.5cm x 22.4cm x 18.4cm
Topside PC Requirements	Windows (XP, Vista, 7), Ethernet
Optional	NTSC video monitor

15029 Bothell Way NE • Lake Forest Park WA • 206.364.1441

[www.soundmetrics.com](http://www.soundmetrics.com) • [info@soundmetrics.com](mailto:info@soundmetrics.com)

For sales, rentals & demonstrations: Ocean Marine Industries, Inc.

2810 Hudson Street • Chesapeake VA • 757.382.7616

[www.oceanmarineinc.com](http://www.oceanmarineinc.com) • [info@oceanmarineinc.com](mailto:info@oceanmarineinc.com)