

M100/M100X MSLD (Maritime Survivor Locator Device)

Your Local Link to Rapid Rescue

Professional
Man Over Board device
incorporating both AIS and
121.5MHz homing beacon



Designed for automatic activation
in life jacket or immersion suit



AIS transmissions for
position plotting



121.5MHz transmission for homing



M100X ATEX & IECEx Zone 2
(for use in explosive atmospheres)



>12 hours transmission



66 channel GPS
(fast accurate positioning)



2 year warranty*



Simple to fit



*Subject to warranty statement

Features and Specifications

Features

The M100 and M100X MSLD (Maritime Survivor Locating Device) from Ocean Signal has been designed to meet the needs of the professional marine market and its offshore workers. The M100 and M100X can be fitted to a life jacket or immersion suit and will automatically activate on inflation of the jacket or on submersion when fitted to the suit. Once activated the M100 and M100X will transmit an alert to all AIS receivers and AIS enabled plotters in the vicinity. The M100 and M100X also transmit a 121.5 MHz homing signal in addition to the AIS. The integrated 66 channel GPS ensures a position update is provided every minute via AIS.

The M100X is designed to meet the European ATEX directive and IECEx approval for use in zone 2 explosive atmospheres.



Specifications

AIS transmission

Transmit power (EIRP)	1Watt
Frequency	161.975/162.025MHz
baud rate	9600baud
Synchronisation	UTC

Homer Transmission

Transmit power (EIRP)	50 mW
Frequency	121.500MHz

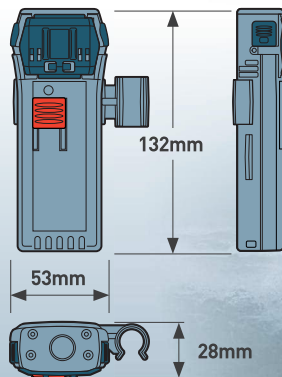
Environmental

Temperature range (operational)	-20°C - +55°C
Temperature range (storage)	-30°C - +70°C
Damp heat (humidity)	40°C @ 93%
Waterproof	10m depth
Dimensions	132mm x 53mm x 28mm
Standards	RTCM SC11901 EN303 098-2, EN 302 961-2

Classification

M100X	Ex ic T4 Gc
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M100/M100X dimensions



Whilst every effort has been made to ensure the information in this leaflet is accurate, products and specifications may be changed without notice.