

## KEY FEATURES

- Automatic man overboard alarm and manual duress alarm button
- Strobe flash and vibration alert to indicate MOB, manual or general alarm in progress
- Rechargeable, operates for approximately 48 hours between charges
- Full recharge from discharged state 4 hours
- Waterproof and impact resistant



Tag indicates safety status of each crew member



Tag can be attached to harness, clothing or lifejacket



Manual alarm activation and automatic MOB alarm



Tag vibrates and strobe light flashes when alarm is raised



Rechargeable battery lasts 48 hours between recharges

Mobilarm Crewsafe is a wireless sensor network designed to improve the workplace safety of marine employees by keeping track of the crew at work at all times. A series of wireless routers creates a monitoring and reporting network that automatically detects emergencies involving personnel and initiates a full-scale alert within seconds of an incident occurring, such as man overboard. Each employee carries a small transceiver - a Crewsafe Tag - whose radio signal connects them to the wireless network via the Crewsafe routers. The network detects any loss of the radio signals and automatically raises the alarm.

The **Crewsafe Tag** is a robust yet lightweight palm-sized transceiver carried by all personnel, which can be attached to clothing, lifejacket or harness as part of the crew's regular safety equipment. It transmits a regular, unique radio signal to the Crewsafe network to verify that the crew member is safe on board.

If the Tag disconnects from the network due to submersion in water, distance from the network, a flat battery or damage to the Tag, the Crewsafe network automatically raises the alarm – this assures crew that any unexpected loss of Tag signal will raise the alarm and not leave a person unprotected or at risk of falling overboard undetected at any time.

In alarm mode, all Crewsafe Tags strobe and vibrate to alert all crew simultaneously. Every Tag also features a duress button for crew to manually initiate an alarm should they find themselves in danger but still connected to the Crewsafe network. When an MOB Tag reconnects to the network, Crewsafe stands down the alarm and returns to monitoring mode.

A discreet LED indicates the Tag's connection to the network and battery power. A fully charged Tag provides approximately 48 hours of continuous monitoring during normal operation.

## SPECIFICATIONS

General	
Power Supply	1 x rechargeable 3.6V CR2 battery
Battery Shelf Life	1 year
Battery Life - Full Charge	Up to 48 hours of normal operation
Battery Life - MOB Alarm	Up to 4 hours when fully charged
Battery Life - Low Battery	10 hours from low battery indication
Operating Temperature	-20° to +70°C (-4° to +158°F)
Stowage Temperature	-20° to +70°C (-4° to +158°F)
Environmental Resistance	IP68 (2 metres for 1 minute)
Compass Safe Distance	Safe when inactive at close range (500mm - tested as per IEC 60945 safe distance test); low EMF prior to unit activation
Dimensions	95.4 x 50.2 x 37.3mm (3.76 x 1.98 x 1.47in)
Weight	78g (2.75oz)
Case	Impact resistant; UV-stabilised polycarbonate shell with TPE overmould
Mounting Options	Attach to belt, webbing, harness or lifejacket (worn at waist level recommended). Short and long clip supplied.
Strobe	RTCM standard-compatible for in-water tracking
Buoyancy	Positive buoyancy
Certification	C✓; CE; FCC
Controls	
Alarm Button	Switches Tag on; activates/deactivates duress alarm
Display	
Tri-colour LED	Indicates Tag operating and charging status
Strobe	Flashes in alarm mode
Alarm Notification	
All Alarm Types	Continuous strobe flash and vibration
Alarm in Progress - Muted	Continuous strobe flash and vibration, then vibration only
MOB or Duress Alarm Activated	Continuous strobe flash and vibration, then strobe flash only