

7.6 Specifications

AIS transmission

Transmit Power (EIRP)	1Watt
Frequency	161.975/162.025MHz ±500Hz
Baud rate	9600baud
Synchronisation	UTC
Messages	Message 1 (Position), Message 14 (MOB status)
Repetition interval	8 messages/minute Message 14 sent twice every 4 minutes

DSC Transmission

Transmit Power (EIRP)	0.5Watt
Frequency	156.525MHz
Messages	Individual Distress Relay* All Ships Distress Alert*1
Message repetition	Once every 5 minutes (Relay only)
Baud rate	1200baud
* Single call made on press of the activation button, in regions where it is allowed.	

Battery

Operating lifetime	>12hours @ -20°C (>24hours typical)
Storage life	7 years

Environmental

Temperature range (operational)	-20°C - +55°C
Temperature range (storage)	-30°C - +70°C
Damp Heat (humidity)	40°C at 93%
Drop (hard surface)	1m : 6 sides
Designed to meet Drop (water)	20m : 3sides
Water immersion	2 bar : >60minutes
Thermal Shock	45° into 100mm of water : >1hour

Physical

Weight	92grams
Dimensions	134mm x 38mm x27mm 59mm over bracket