

E101V Float Free VDR Memory Capsule Communication and Safety at Sea

The E101V Cospas Sarsat and MED approved float free Emergency Position Indicating Radio Beacon incorporating a Voyage Data Recorder memory capsule as required by IMO Resolution MSC.333(90).

- 406 MHz** 406MHz Cospas Sarsat satellite alerting
- 121.5 MHz** 121.5MHz Homing
- 66 Channel GPS** Fast accurate positioning



- 5 year battery life**
- 64GB MEMORY** 64GB VDR memory capsule
- 168 HOURS** >168hours operational battery life
- Twin high intensity strobe light**
- Automatic Release Housing**
- POE or DC** Memory capsule can be supplied from either POE or ship's DC supply
- Automatic disconnection of interface cable on release**
- 2 YRS** 2 year warranty*

*Subject to warranty statement

Features and Specifications

Features

The E101V Cospas Sarsat and MED approved float free Emergency Position Indicating Radio Beacon incorporating a **Voyage Data Recorder memory capsule** as required by IMO Resolution MSC.333(90).

The E101V incorporates the required 64GB memory format in a compact lightweight EPIRB which when activated will continuously transmit position data for greater than 168 hours.

The Ocean Signal E101V is available on an OEM basis to selected VDR manufacturers and suppliers for integration with their own VDR systems.



Specifications

406MHz Satellite Transmitter	
Frequency	406.040MHz \pm 1kHz
Output Power (conducted)	5Watts (nominal)
121.5MHz Homing Beacon	
Frequency	121.5MHz \pm 50ppm
Output Power	40mW \pm 2dB
GPS Receiver	
Satellites channels tracked	66
GPS Antenna	Microstrip patch
Battery	
Type	Lithium Primary (LiMnO ₂)
Operational Life (once activated continuously transmits)	>168hours @ -20°C
Memory Capsule	
Memory capacity	64Gigabytes
Interface	SMB over LAN
Memory power supply	10.8-31.2V d.c. ships supply or POE

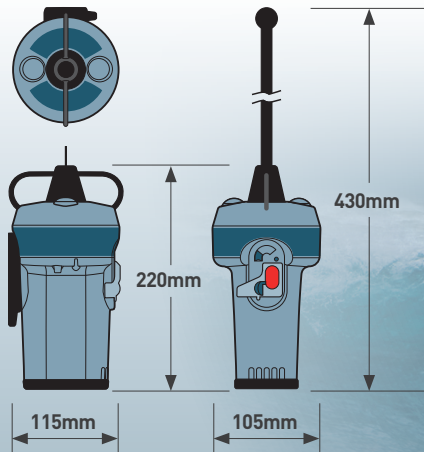
Environmental

Temperature Range (Operating)	-20°C to +55°C
Temperature Range (Storage)	-30°C to +70°C
Waterproof	>10metres at +20°C

Approvals

Cospas Sarsat standards	T.001, T.007
International test standard	IEC61097-2

E101V dimensions



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