

Tron 40VDR AIS

Capsule with bracket



- Compliant with the latest EPIRB standard
- AIS homing for faster localization
- RLS through Galileo GNSS
- IR-LED for use of night-vision glasses and assisted SAR
- 80 GB SSD memory disk

Tron 40VDR AIS

Tron 40VDR AIS Capsule with bracket is a combined Cospas-Sarsat/MED approved EPIRB and a float-free storage medium. The separate VDR storage module has a standardized memory capacity of 80 GB. This EPIRB complies with the mandatory International Maritime Organization (IMO) regulation (as of July 2022) and Safety of Life at Sea (SOLAS) regulation.

Tron 40VDR AIS feature comparison

FEATURE	DESCRIPTION	Tron 40VDR	Tron 40VDR AIS
IEC 61097-2 Ed.4	Compliant with the latest EPIRB standard		✓
MSC.471(101)	Compliant with the latest IMO regulations for EPIRB (July 2022)		✓
AIS technology	Implementation of AIS homing for faster localization		✓
Return Link System	RLS through Galileo GNSS		✓
IR-technology	IR-LED for use of night-vision glasses and assisted SAR		✓
VDR storage module	80 GB SSD memory disk		✓
Cospas-Sarsat 406 MHz	Approved in accordance with Cospas-Sarsat	✓	✓
121.5 MHz homing	VHF/AM frequency for homing/location purposes	✓	✓
GNSS (GPS, GLONASS, Galileo)	72-Channels GNSS (Global Navigation Satellite System)	✓	✓
MEOSAR	Enhanced detection capability for accelerated rescue	✓	✓
Activation	Manual and/or water activation	✓	✓
Battery replacement	Maintenance in accordance with IMO regulations and/or national flag state administration	✓	✓
Warranty	5 year full warranty	✓	✓
Wrist strap	Hands-free wrist strap	✓	✓
LED technology	LED light mounted at the top for 360 degrees coverage	✓	✓
Brackets	Float-free heating or float-free	✓	✓

Features:

An infrared light emitting diode (IR LED) is incorporated. This IR LED allows the use of night vision, which better assists SAR operations that occur at night or in the dark. The Tron 40VDR AIS can be used with the Galileo Return Link System, Europe's Global Navigation Satellite System (operational since January 2020). This software is simply activated upon request.

This EPIRB has been tested for operational and performance requirements in accordance with the international standard, IEC 61097-2 Ed.4 (April 2021), making it both the most modern and innovative EPIRB available.

Float-free or float-free heating bracket



Spare parts

Accessories and spare parts are handled by the VDR system manufacturers directly. Certain product parts might require configuration prior to installation. These manufacturers and their certified partners must preform all service and maintenance on the Tron 40VDR AIS. For additional information, please contact your VDR system manufacturer or your Area Sales Manager at Jotron.

Approved: 