

Tron 40VDR AIS

Float-free EPIRB with VDR storage



- Approved in accordance with the latest EPIRB standard
- AIS homing technology included for faster localization
- Prepared for RLS through Galileo GNSS
- IR LED light for night vision devices and assisted SAR
- 80 GB SSD memory disk

Tron 40VDR AIS

The Tron 40VDR AIS 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 is compliant 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	Approved in accordance with the latest EPIRB standard		✓
MSC.471(101)	Compliant with the latest IMO regulations for EPIRB (July 2022)		✓
AIS technology	Homing technology included for faster localization		✓
Return Link System	RLS through Galileo GNSS		✓
IR technology	IR LED light for use with night vision devices and assisted SAR		✓
VDR storage module	SSD memory disk 80Gb		✓
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 according to IMO regulations and/or national flag state administration	✓	✓
Warranty	5 year full warranty	✓	✓
Wrist strap	Hands-free wrist strap	✓	✓
LED technology	Top mounted LED light securing 360 visibility 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. Tron 40VDR AIS offers Galileo Return Link System, Europe's Global Navigation Satellite System (operational since January 2020).

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

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 perform 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:

