

# Totem VDR - BAM Compliant

**Totem**  
**VDR**

- BAM compliant IEC 62923-1/2 (2018)
- Automatic Event Log kept for one year.
- Multiple ways of extracting stored data from VDR: USB and LAN.
- Full size screen for monitoring comes as standard, facilitates easy APT and commissioning.
- Built-in inclinometer with option for external dedicated display, covering IMO inclinometer requirement for bulkers and container ships.



*Complies with* : IMO requirements as stated in MSC.333(90) and with IEC Technical Standard IEC61996-1:2013.

- Optional: Bridge console camera recording (images or video).
- Optional: 24VDC input from the Ship's UPS for power redundancy

# Totem VDR

## Technical Features

- Replay capabilities on the VDR monitor.
- Replay module for both ship and office.
- Built in PLC makes easy interface to binary analog inputs.
- Low power consumption (Smaller Battery).
- Fanless PC assures reliable operation.
- System comes with a standard of 12 serial, 13 digital and 12 audio inputs.
- High Quality Single channel recording of every Microphone and VHF (no mixing of channels).
- 8 Ethernet ports for equipment connection by LAN.



## VDR Requirements

Fixed recording medium: 48 hours (MSC.333(90)/4.4)	✓
Float-free recording medium: 48 hours (MSC.333(90)/4.5)	✓
Long-term recording medium: 720 hours (MSC.333(90)/4.6)	✓
Play Back software compatible with standard PC	✓
Audio signals for all wing Mic., wheelhouse Mic. and VHF to be recorded on separate channels without mixing	✓
Both SOLAS radars to be recorded	✓
ECDIS screens to be recorded	✓
IEC61162-450/IEC62388 should be met for Radar/ECDIS images recording via LAN	✓
VDR NMEA output to Bridge Alert Management System (BAMS) to be provided	✓

