

Totem VDR 4th Generation

Totem
VDR

Totem Plus 4th generation Voyage Data Recorder Totem VDR 2014
complies with IMO 2014 requirements as stated in MSC.333(90)
and with IEC Technical Standard IEC61996-1:2013



Totem VDR Advantages 2014

- Totem VDR is approved as a Conning Display system - Important saving.
- Remote Maintenance with Totem Cellular Router (TCR) minimize onboard visits by technicians and further reduce maintenance costs.
- Automatic event log for owner's use (monthly check recommended).
- Multiple ways of extracting stored data from VDR: USB, LAN and DVD.
- VDR full size screen for monitoring, replay and diagnosis comes as standard. The monitor displays status of recorded items at all times; Facilitates easy APT and commissioning.

Totem VDR

Totem VDR Technical Features

- Replay capabilities on the VDR monitor itself.
- Replay module for both ship and office.
- High Quality Single channel recording of every Microphone and VHF (no mixing of channels).
- Built in Siemens S7 PLC makes easy interface to a large number of binary or analog inputs, allowing readout of Non NMEA systems.
- System comes with a standard of 20 serial, 13 digital and 10 audio inputs.



VDR 2014 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(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	✓



TotemPlus
Where Shipping Meets High-Tech