

SUPERIOR VDR SYSTEM SUPPLIED AT SENSIBLE PRICES

The X2 voyage data recorder has been designed with the combination of a high-performance main processor and Solid State technology, offering extremely reliable performance with a superior user experience.

Exceeding the MSC.333(90) regulations, the X2 has been designed as a fit and forget system, although its high quality 8" (or 9.7") touch screen can be a useful bridge monitoring tool.



REAL-TIME DATA DISPLAYS



The main user interface is intuitive and user friendly, allowing seamless access to the recording data in real time along with simple indications in the event of sensor loss.

All data is easily viewed, including separate Radar and ECDIS images, audio channels, storage information and all recorded bridge and navigation data.

The colour touch screen display can easily switch between day time and night vision mode for operation in darkness.

An incident marker control is present on each page to allow the user to add an entry into the event log for ease of data playback, with a **"test on demand"** feature which tests all aspects of the system as required.

RETROFIT SPECIALITY

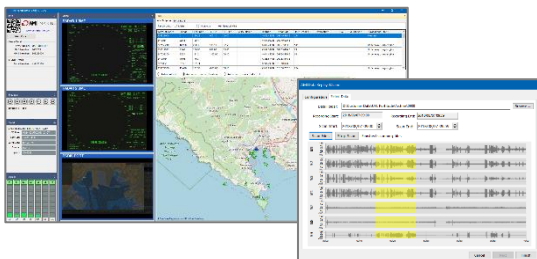
Retrofit installations are quick and easy thanks to the X2's three wire microphone solution. This allows for the existing cabling from previous VDR/S-VDR systems to be incorporated, removing the requirement for new cable runs. In addition, the new larger cable management system accommodates bulky VGA connectors and thick power cable to pass into the main unit along with the smaller data cables.



PLENTIFUL STORAGE

The Fixed and Float Free capsules have a storage capacity of 64GB, allowing in excess of the required 48 hours of data storage. The internal Solid State drive has a capacity of 1TB which allows for around 60 days of storage, double that of the required 30 days as specified by MSC.333(90) regulations.

REPLAY SOFTWARE



The AMI Marine Replay software is unique due to having **'Audio Scan'** and **'Jump to Incident'** functions to provide intuitive data review by engineers, ship's crew and accident investigators.

The data download process is easy and straight forward by using your laptop or Office PC and connecting it to the Ethernet port on the touch screen display, making downloading data easy in case of incident.

SPECIFICATIONS

STANDARD SUPPLY SCOPE



MAIN ELECTRONIC UNIT - MEU-0017

FEATURES: 10x Audio Channels (8 bridge audio, 2 VHF audio),
20x NMEA Data Inputs
2x Video Inputs (ECDIS/Radar)
additional Video Input options available
2x Ethernet interface for Ship's Network (ECDIS)
1x 1TB Drive - LTRM (30 Days)
Additional 1TB Drive RT Backup option available

POWER: 24vDC
DIMENSIONS: 500 x 570 x 160mm 12kg



EXTERNAL MICROPHONE - MIC-0005

FEATURES: IP67 Waterproof
Built in Self-Test
Environmental controls for audio optimisation

POWER: 12vDC supplied from the MEU
DIMENSIONS: 110 x 80 x 65mm 100g



INTERNAL MICROPHONE - MIC-0006

FEATURES: Built in Self-Test

POWER: 12vDC supplied from the MEU
DIMENSIONS: 47 x 39 x 25mm 80g



TOUCH SCREEN CONSOLE -8" - DSP-0019

FEATURES: High Resolution Touch Screen Display
"On Demand" System Performance Test
Ethernet Interface for Data Collection
VESA mounting option

POWER: 24vDC supplied from the MEU
DIMENSIONS: 188 x 245 x 56mm 1.5kg



FIXED HARDENED CAPSULE - CAP-0001

FEATURES: 64GB Solid State storage
48 hours recording
Supplied with 15m Cable
Supplied with PT9 Ninety ULB

POWER: 24vDC supplied from the MEU
DIMENSIONS: 153 x 180 x 236mm 12kg



UNINTERRUPTED POWER SUPPLY - PSU-0005

FEATURES: 110 to 230vAC 50,60Hz
Battery Backed
AC Monitoring
Battery Health Monitoring

POWER: 24vDC Output
DIMENSIONS: 400 x 300 x 210mm 9.8kg/22.8kg



FLOAT FREE CAPSULE - CAP-0002

FEATURES: 64GB Solid State storage
48 hours recording
Simple Ethernet connection

POWER: Supplied from the MEU
DIMENSIONS: 293 x 197 x 140mm 1.1kg

OPTIONAL EXTRAS



ANALOGUE INTERFACE - INT-0024

FEATURES: 16x Input channels up to +/- 30V max
NMEA Data output
Isolation from ground and other channels
Data pass through option
Jumper selection for AC/DC input signals

POWER: 24vDC (18-32V)
DIMENSIONS: 180 x 300 x 70mm 1.5kg



DIGITAL INTERFACE - INT-0025

FEATURES: 32x input channels
Wide input voltage range
Data pass through port
Input and Output LEDs for performance monitoring
Certified to IEC 60945

POWER: 24vDC (18-32V)
DIMENSIONS: 275 x 175 x 70mm 1.3kg



TOUCH SCREEN CONSOLE -9.7" - DSP-0020

FEATURES: High Resolution Touch Screen Display
"On Demand" System Performance Test
Ethernet Interface for Data Collection
VESA mounting option

POWER: 24vDC supplied from the MEU
DIMENSIONS: 280 x 219 x 38.50mm 1.8kg



VIDEO CAPTURE CARD KIT- KIT-0012

FEATURES: Additional video inputs such as ECDIS or Radar
Accepts video signal of up to 1920x1200
Comes with required fittings, DVI to VGA converter and USB cable

DIMENSIONS: 170x140x120mm 400g