MINI VOYAGE DATA RECORDER

This premium Data Recorder system is designed to be installed on workboats, support vessels, and all other types of smaller vessels that are exempted from carrying full VDR systems. The X-MDR system may also be configured to static mode for office-based Port Authorities that monitor vessel traffic.

The X-MDR Pro accommodates optional CCTV recording, synchronised VHF transmissions, optional bridge audio, and position data as a cost-effective and secure solution. It provides reliable and easy to use playback software suite for analyses of individual vessel movements and well suited to vessels within large workboat fleets.

REAL-TIME SURVEILLANCE AND PLAYBACK

The X-MDR features a 10.1" touch screen that displays live data and intuitive, user-friendly software. This allows you to monitor recorded information and view CCTV video feeds in real-time.
The specially designed software offers the user a specific, time-stamped selection of CCTV feeds, synchronised to all recorded data, providing high-definition video playback in conjunction with recorded vessel data.

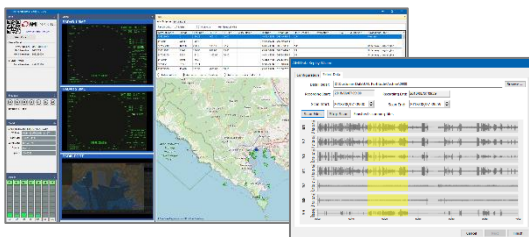## TAILORED TO YOUR REQUIREMENTS

The X-MDR may be configured to your vessel's individual requirements, which seamlessly connects to all popular brands of bridge equipment. With additional data recording modules, you can maximise your system with VGA and DVI image capture (Radar/ECDIS and Chart Plotters etc.) as well as image over LAN (IEC 61162-450)

The system has 9x NMEA 0183 inputs, 8x Bridge Audio inputs that can be configured for either microphones or VHF signals and can accommodate up to 8 CCTV inputs.

Additional Recording Modules available;

- ECDIS over ethernet (*IEC 61162-450*)
- DVI Radar/Chart Plotters capture
- Additional Audio inputs

- Optional VHF interface
- Battery Backed UPS upgrade
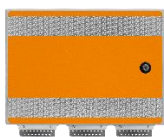- Additional NMEA 0183 inputs

REPLAY SOFTWARE

The AMI Marine Replay software is a unique tool that offers features like **'Audio Scan'** and **'Jump to Incident**.' These functions allow engineers, ship's crew, accident investigators, and even crew trainers to easily review data in an intuitive manner.

The process of downloading data is straightforward and easy. All you need to do is connect your laptop or office PC to the Ethernet port on the touch screen display. This makes downloading data easy and user-friendly whenever required.

AMI | MARINE

SYS-0088 X-MDR SL
SLIM LINE MARINE DATA RECORDER

SYS-0088 - SYSTEM SPECIFICATIONS
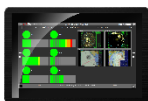
1x MAIN ELECTRONIC UNIT - MEU-0018
FEATURES:
8x Audio Channels
    - Can be configured for either Microphones or VHF Signals
9x NMEA Data Inputs
1x Capsule Output

POWER: 24vDC
DIMENSIONS: 400 x 300 x 125mm, 7.7kg

1x INDUSTRIAL TOUCH SCREEN DISPLAY - DSP-0038
FEATURES:
10.1" Display
High Resolution Touch Screen Display
VESA, Flush and Desktop mounting options

POWER: Supplied from the MEU
DIMENSIONS: 200 x 280 x 68.2mm, 2kg

2x INDOOR MICROPHONE - MIC-0004
FEATURES:
600-ohm balanced audio
Built in Self-Test

POWER: Supplied from the MEU
DIMENSIONS: each 25 x 125 x 52mm, 100g

1x X-MDR MEU TO DISPLAY CABLE KIT - KIT-0031
FEATURES:
1* 5m System Status Cable
2* 5m USB Cable
1* 5m CAT5E Patch Cable
1* 5m Display Power Cable

OPTIONAL EQUIPMENT

INDOOR MICROPHONE - MIC-0004
FEATURES:
600-ohm balanced audio
Built in Self-Test

POWER: Supplied from the MEU
DIMENSIONS: 26.5 x 130.5 x 52.2mm, 80g

OUTDOOR MICROPHONE - MIC-0013
FEATURES:
IP66 Waterproof
600 ohm balanced audio
Built in Self-Test

POWER: Supplied from the MEU
DIMENSIONS: 26.5 x 130.5 x 52.2mm, 80g

EXTERNAL NETWORK CAMERA INTERFACE - INT-0053
FEATURES:
Gigabit Ethernet switch hub
5 x 10/100/1000Mbps, Auto-Negotiation, Auto-MDI/MDIX Ports

POWER: Supplied from the MEU
DIMENSIONS: 99.8 x 98 x 25 mm, 100g

*8 Port Interface available on request.

CCTV CAMERA - CAM-0001
FEATURES:
Ethernet connection
2 MP High-Definition resolution
IP67 and IK10 rated
Low light and IR range up to 30m

POWER: Supplied from the MEU
DIMENSIONS: 111 x 111 x 82.4mm, 100g

VIDEO CAPTURE CARD KIT - KIT-0059
FEATURES:
Video inputs such as ECDIS or Radar
Accepts video signal of up to 1920×1200
Comes with required fittings, DVI to VGA converter and USB cable.
A Capture Card Frame required for this unit.

BATTERY BACKED POWER SUPPLY UNIT - PSU-0023
FEATURES:
110 to 220vAC 50,60Hz
Auto switch over to Battery Input on AC fail
Battery Backup Options (2pcs required for each PSU)
- BAT-0004, 2 Hour Battery Backup
- BAT-0005, 2-4 Hour Battery Backup
- BAT-0014, 12 Hour Battery Backup

DIMENSIONS: 300 x 250 x 210mm, 3.6kg

STORAGE OPTIONS

FLOAT FREE CAPSULE - CAP-0013
FEATURES:
80GB Solid State storage
Minimum of 48 hours recording
Simple Ethernet connection

POWER: Supplied from the MEU
DIMENSIONS: 534 x 236 x 214mm, 2.1kg

FIXED HARDENED CAPSULE - CAP-0014
FEATURES:
64GB Solid State storage
Minimum of 48 hours recording
Supplied with 15m Cable
Supplied with PT9 NINETY ULB

POWER: 24vDC supplied from the MEU
DIMENSIONS: 218 x 277 x 355.13mm, 12kg

QUICK RELEASE STORAGE KIT - KIT-0065
FEATURES:
2TB Drive - LTRM
Powered by USB

Supplied with mounting bracket.

*All features and specifications are preliminary and may change without notice.

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