



## AMI-VDCS

VDR Data Capture System



## AMI-VDCS - VDR Data Capture System

The IMO specification for Voyage Data Recorders only requires that data is stored for 12 hours before it is overwritten. As a result, in far too many cases, the VDR data from incidents is overwritten before it can be saved or downloaded..

### How can the AMI-VDCS ensure that data is always available?

VDCS is designed to interface to AMI UK VDR's and to provide extended recording facilities using our recommended download mechanisms. The system is based around ruggedized PC components, and is very easy to install (it only requires power, and a single network connection to the AMI VDR). It is supplied with a touchscreen monitor, but doesn't require any operator interaction under normal operation. The costs of purchasing, installing, and operating an AMI-VDCS is therefore very competitive.

Once installed, the AMI-VDCS will automatically maintain a backup of your VDR data. A "standard" VDR configuration will typically always retain at least the last 90 days' data.

### Obtaining data after an incident?

In the event of an incident, the AMI-VDCS is fitted with a standard removable data storage device which does not require any special tools to remove or replace. The required data can be downloaded easily and the VDCS quickly returned to normal operation. AMI-VDCS also has a second network connection which can be used to export data via the internet if a suitable connection is available. This means that data from an incident can be available almost immediately following an incident, no matter where in the world the incident occurred.

### What are the benefits of AMI-VDCS?

The availability of large quantities of VDR data means that AMI's Voyage Operations Quality Assurance (VOQA) software. This can be used to search through the data automatically for the detection of events or trends which could compromise safety if they remain undetected. Another benefit would be for AMI-VOQA to detect a problem in the functionality of the VDR, allowing for suitable action to be take

#### Features

- Low cost
- Simple to fit & easy to use
- Rugged solution

#### Benefits

- VDR Data always available
- Easy access to VDR data following incidents
- Enables proactive safety management

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in Marine Interfacing  
and Retransmission  
Solutions**

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## AMI-VDCS VDR Data Capture System



### SPECIFICATIONS

**Voltage:** 8V to 15V DC  
**Power:** 8W (at full load)  
**CPU:** Intel Atom

**Dimensions:** 100 x 115 x 30mm Aluminum chassis with fanless design  
**Weight:** Mass: 3.7 kg

**Operating System:** Windows 7 Pro / Linux Mint / other (as installed by user)

**Operating temperature:** 0°C to 45°C with HDD, 0°C to 70°C with SSD

**Networking:** 802.11n WiFi  
 2 x 1000 Base T Ethernet

**Front panel:** Power on/off switch  
 Mini SD slot  
 3 x LEDs indicating: power / HDD / WiFi activity  
 Mini RS-232 comms interface  
 2 x mini USB port

**Rear panel:** Power in (12V nominal)  
 WLAN interface  
 2 x RJ-45 Ethernet ports  
 2 x USB  
 Mic. line-in  
 S/PDIF line-out  
 DVI interface  
 Reset button

**Dimensions:** 178 x 134 x 25 mm  
**Touchscreen:** Resistive  
**Weight:** Less than 500gms  
**Display size:** 7 inches  
**Resolution:** 800x 480  
**Brightness:** 350cd/m<sup>2</sup>  
**Contrast Ratio:** 400:1  
**Certification:** CE, FCC  
**Mounting Bracket:** Slimline, VESA75 compatible

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