DIGITAL EDGE SUBSEA

Digital Video Inspection Systems

EdgeDVR 4-Channel Pipeline System

The EdgeDVR 4-channel system is a complete solution for digital video inspections.
Developed to be used by personnel with all levels of experience, when completing visual inspections on subsea structures which require real time event logging.

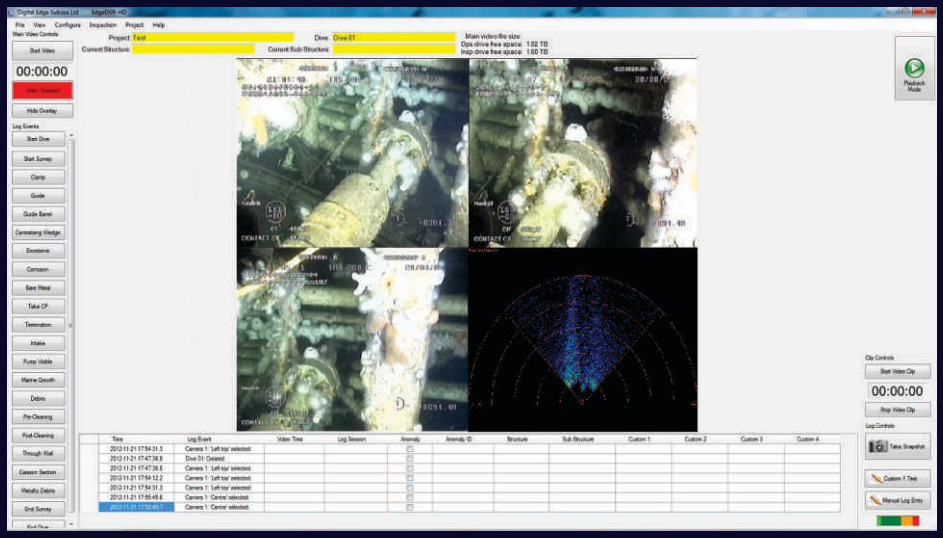
The EdgeDVR 4-channel unit includes:-

- Simultaneous 4 channel digital video recording (2 x 3TB Storage)
- Automatic 4 channel Blackbox video recording (3TB Storage)
- 4 channel independent digital overlay with variable transparent logos
- Simultaneous 4 channel video stills and video clips.
- Automatic generation of dive, photo, video and anomaly logs.

The EdgeDVR 4-channel unit has a unique way of storing the inspection data by location, structure or substructure into predefined folders, these folders are automatically created within the software. The benefit is any user or client can easily browse to find all recorded data.

The EdgeDVR is a 4U rack-mounted unit with a total storage capacity of 9TB.
The system has 3 removable hard drives, which store the survey video, anomaly clip video, photos and all logs.
The operating system is stored on a solid state hard drive for increased reliability.

The EdgeDVR 4-channel system has inbuilt automatic data backup using a proprietary data file management concept. A copy of all data from the inspection is stored on two removable 3TB hard drives.
The third removable drive is used to store 4-channel Blackbox video and can also store video from third party inspection programs. (Coabis etc)



4U Rack Mounted Inspection System

4 SD BNC Composite Video Inputs

Automatically generates event drive, video stills and anomaly logs in Excel format

Customizable fields to add extra data into logs

4-channel Inspection Editor, to view and delete inspection data and monitor inspection progress.

Standalone workpack generation and import workpack to EdgeDVR

Hot key to instantly switch overlay on/off

“On the Fly” Simple Overlay Entry

Seamless user configurable digital video header

Four serial inputs for displaying data via overlay. i.e. GPS, Aux compass

Automatic backup of data

4-channel Video stills, automatically added to the photo log

Independent 4-channel video anomaly clips

Simple Manual Log entry

20 User Configurable Hotkeys

Sequential dive numbering

4-channel Network Video Streaming

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EdgeDVR 4-Channel

4U Rack Mounted Inspection System

Front panel of the EdgeDVR HD...

Protected by a hinged lockable lid

3 removable 3TB hard drives, front mounted.

Two front mounted USB ports

DVD writer

Two cooling fans

Power indicators

Rear panel of the EdgeDVR HD...

Four Composite 75ohm BNC video connections

Four 9 pin serial inputs for survey/rov data

DVI-D, DVI-A and HDMI Monitor Outputs

Six USB 3.0 Ports

Four USB 2.0 Ports

Dual Gigabit LAN

Composite Video Output

Keyboard/Mouse Inputs

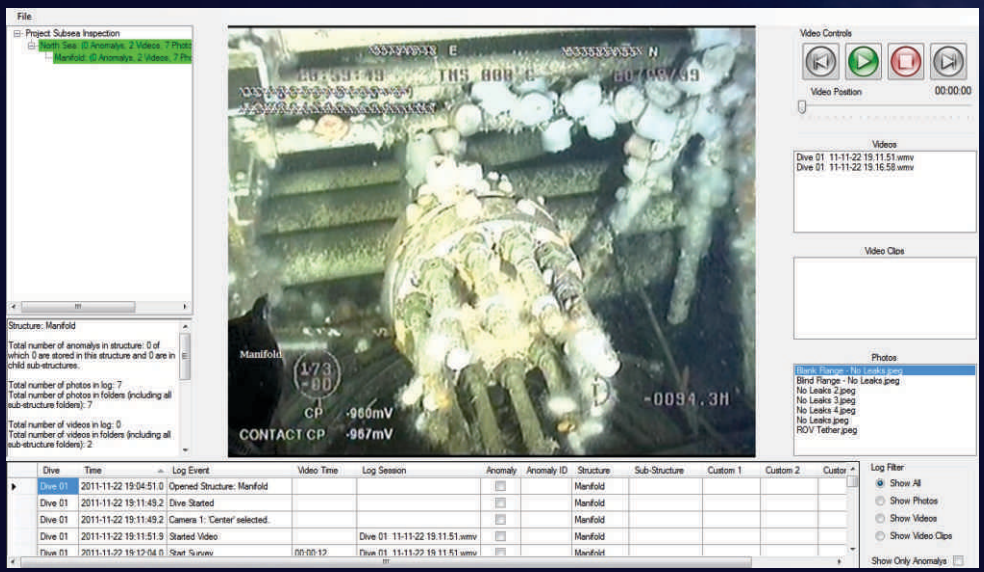
Microphone Input

Speaker Output

Two cooling Fans

The client deliverable project file contains our own client viewer, this allows the client to view the logs, photos and videos on any computer.

The logs can be filtered to show, videos, photos and anomalies. The viewer is free and is available on all systems.



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