



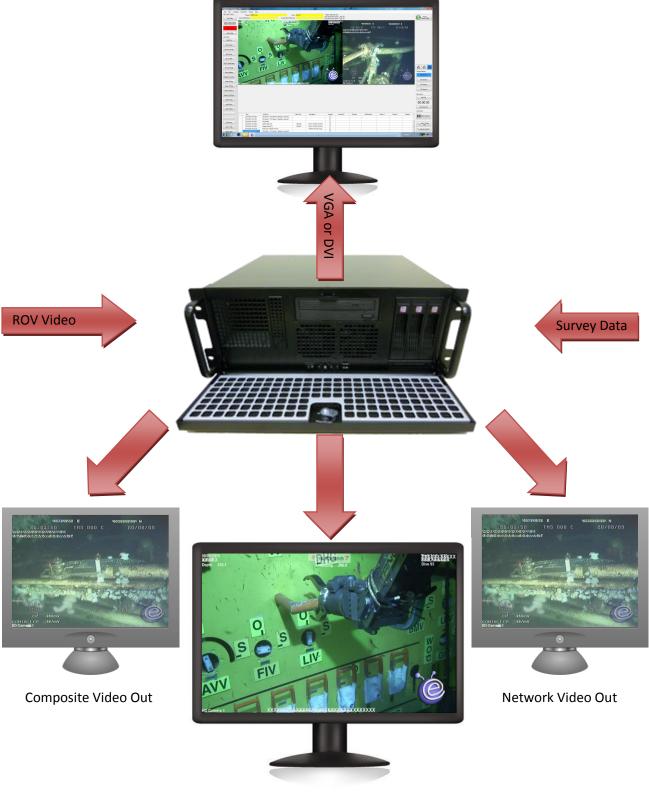
Product Catalogue

Page **1** of **14**

Contents

1	Edge	eDVR Overview	3
2	Proc	lucts	5
	2.1	EdgeDVR1SD Single Channel Recording	5
	2.2	EdgeDVR2SD – Dual Channel Recording	6
	2.3	EdgeDVR4SD – Quad Channel Recording	7
	2.4	EdgeDVR1HD1SD – Single Channel Recording	8
	2.5	EdgeDVR1HD2SD – Dual Channel Recording	9
	2.6	EdgeDVR1HD4SD – Quad Channel Recording1	0
	2.7	EdgeTouch 1	1
	2.8	EdgeStore 1	2
	2.9	EdgeInspect 1	3
3	Com	iparison Chart1	4

1 EdgeDVR Overview



Pilot Monitor

The EdgeDVR records video from the ROV or Diver and displays this on a standard VGA/DVI Monitor. Video complete with overlay and be exported via BNC, HD-SDI (HD Only) and local network (LAN).

The EdgeDVR inspection system has been 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 is a one stop DVR inspection unit which includes inbuilt digital overlay.

Edge DVR Products –

Standard Definition -	EdgeDVR1SD – Single Channel Recording
	EdgeDVR2SD – Dual Channel Recording
	EdgeDVR4SD – Quad Channel Recording
High Definition -	EdgeDVR1HD1SD – Single Channel Recording
	EdgeDVR1HD2SD – Dual Channel Recording
	EdgeDVR1HD4SD – Quad Channel Recording

The EdgeDVR has a unique inspection data storage system. Automatic user defined folders are created when components are entered into a structure browser.

The EdgeDVR is a 4U 19inch rack mounted unit with 9TB of storage. The unit has three removable hard drives which are for survey video, anomaly video clips; excel logs, photos and blackbox video.

A solid state hard drive is used for the internal operation of EdgeDVR.

The EdgeDVR has inbuilt automatic data backup using a proprietary data file management concept. A copy of all the data gathered from inspections is held on both 3TB hard drives.

The blackbox 3TB hard drive automatically records all of your active channels, as soon as a project has started.

The client deliverable is a single folder, this folder contains the complete project video, photos, logs and a client viewer.

A Composite video output is available via a video breakout cable supplied. This output can be configured to output any of the active video channels.

The high definition systems have a HD-SDI loop though for the camera and a dedicated HD-SDI output, complete with overlay.

2 **Products**

2.1 EdgeDVR1SD Single Channel Recording

Digital Edge Subsea Ltd	EdgeDVR-HD				and the second s					- 0 ×
	e Inspection Project Help									
Main Video Controls	Project AProject	Dr	ve: Dive 01	Main video file size:						0
Start Video	Current Structure:	Current Sub-Structs	re:	Ops drive free space: 2 Insp drive free space: 2	63 TB					Project Viewer / Editor
		Contraction of the local division of the loc	the local division in which th			the state of the s				
00:00:00		COMPANY OF THE OWNER.	155721252		1000000000 N					
Wdeo Stopped		ALC: NOT THE OWNER.	CONCEPTION 2							
The compose		81:	01:50 1	MS 000 C	0/05	8/09				
Hide Overlay		USANINAS		110 000 0		0100				
Log Events			Thursday and							
Start Dive		Mumunuu	in an							
Start Survey										
Deres										
Range					10					
Spoolpiece				and the second second	2 1					
Touchdown Point				and the second second	and the second second					
Touchdown Point			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COLUMN PLAN						
Anode			allen	ALCONTRACT OF 1977	31 1513					
Take CP				CONTRACTOR OF STREET, S	10000000	オムシアクランション	5			HD SD Com Mode Mode Mode
Take CP		and the second se			Print and State	California (Section)				
Boted Clamp			101 - 34/10 - T	BUCKENDS was	A CONTRACTOR	Add and				Camera Selection
Welded Guide		the state of the second s	A CONTRACTOR OF	Window Course Transit						SD Camera 1
Webes Gube		The states	Contraction of the	Just of the local day	Cont Office 22		8			SD Camera 2
Liner present		a state of	A STATISTICS	COLUMN AND ADDRESS	Viele and	And the second second				So comos c
Bonding Cable :		Supplication of the local	and the second	A well y	A	S. C. Dar				SD Camera 3
Bonding Lable			Concerned in the second	ALC: NO. ALCON	1000	and the second				
Movement		Manifold		States	AND RECEIPTION OF	CO. 65	8			SD Camera 4
10.000		1.20	Concession of the		PARAMENT TA	24				Clip Controls
Misalignment		\-00			1 1010					Start Clip
Gap		1			11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1				
Spoolpiece		CP	-960mV		1 A . A . MATCHING					00:00:00
spoopece		CONTROLOG	-967mV		11					Stop Clip
Position Fix		CONTACT CP	-2011UA			A TRACT				Le Alexandre
		SD Camera 1		the second s		A DECK				Log Controls
Metallic Debris	Time	Log Event	Video Time Log Session	Anomaly Anomaly ID	Structure	Sub-Structure C	utom 1 O.	ustom 2	Custom 3 Cu	Take Snapshot
Soft Debris	2013-06-05 13:32:54 1 2013-06-05 13:32:54 1	SD Camera 1: SD Camera 1' selected on channel 2. Dive 01: Created		8						Take snapshot
	2013-06-05 13:32:54 1 2013-06-05 14:37:31.5	SD Camera 1: SD Camera 1'selected on channel 1.		E						
Damage	2013-06-05 14:37:31.5	SD Camera 3: SD Camera 3: selected on channel 2.		E						Custom 1 Overlay Text
Marine Growth	2013-06-05 14:39:26:3	SD Camera 1: 'SD Camera 1' selected on channel 1.		12						Text
										Nanual Log Entry
End Survey										
End Date										

- Standard Definition Digital Video Recording (WMV)
- Digital Overlay
- Realtime Eventing
- Built-in 4 Way Video Switcher
- Digital Stills (Jpeg or Bitmap)
- Video Clips (WMV)
- Automatic dive, photo, video and anomaly logs
- Project Editor
- Client Viewer
- Realtime data logging
- 4 Serial ports for the display/logging of data
- 3 x 3Tb Removable Hard Drives
- Automatic Blackbox Recording
- Solid state operating system drive

2.2 EdgeDVR2SD – Dual Channel Recording



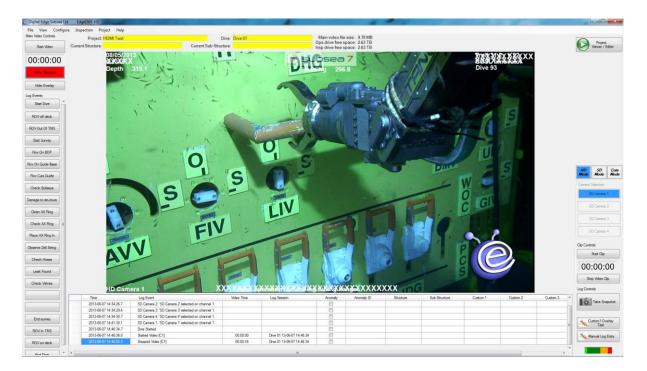
- Standard Definition Digital Video Recording (WMV)
- Single or Dual Channel Recording Modes
- Independent Dual Channel Digital Overlay
- Realtime Eventing
- Built-in 4 Way Video Switcher
- Digital Stills Single or Dual Channel (Jpeg or Bitmap)
- Video Clips (WMV)
- Automatic dive, photo, video and anomaly logs
- Project Editor
- Client Viewer
- Realtime data logging
- 4 serial ports for the display/logging of data
- 3 x 3Tb Removable Hard Drives
- Automatic Blackbox Single or Dual Channel Recording
- Solid state operating system drive

2.3 EdgeDVR4SD – Quad Channel Recording



- Standard Definition Digital Video Recording (WMV)
- Single, Dual, Triple & Quad Channel Recording Modes
- Independent Quad Channel Digital Overlay
- Realtime Eventing
- Built-in 4 Way Video Switcher
- Digital Stills Single, Dual, Triple & Quad (Jpeg or Bitmap)
- Video Clips (WMV)
- Automatic dive, photo, video and anomaly logs
- Project Editor
- Client Viewer
- Realtime data logging
- 4 Serial ports for the display/logging of data
- 3 x 3Tb Removable Hard Drives
- Automatic Blackbox Single, Dual, Triple & Quad Channel Recording
- Solid state operating system drive

2.4 EdgeDVR1HD1SD – Single Channel Recording



- High or Standard Definition Digital Video Recording (WMV)
- Digital HD Overlay
- Realtime Eventing
- Built-in 4 Way Video Switcher (SD)
- HD/SD Digital Stills (Jpeg or Bitmap)
- Video Clips (HD or SD)(WMV)
- Automatic dive, photo, video and anomaly logs
- Project Editor
- Client Viewer
- Realtime data logging
- 3 serial ports for the display/logging of data
- 3 x 3Tb Removable Hard Drives
- Automatic Blackbox Single Channel (HD or SD) Recording
- Solid state operating system drive

2.5 EdgeDVR1HD2SD – Dual Channel Recording



- Combined High & Standard Definition Digital Video Recording (WMV)
- HD, SD or Combined Recording Modes
- Independent Dual Channel Digital Overlay (HD/SD)
- Realtime Eventing
- Built-in 4 Way Video Switcher (SD)
- HD/SD Digital Stills (Jpeg or Bitmap)
- Video Clips (Dual Channel HD & SD)(WMV)
- Automatic dive, photo, video and anomaly logs
- Project Editor
- Client Viewer
- Realtime data logging
- 3 serial ports for the display/logging of data
- 3 x 3Tb Removable Hard Drives
- Automatic Blackbox Dual Channel (HD & SD) Recording
- Solid state operating system drive

2.6 EdgeDVR1HD4SD – Quad Channel Recording



- Combined High & Standard Definition Digital Video Recording (WMV)
- HD, SD or Combined Recording Modes
- Independent Quad Channel Digital Overlay (HD/SD)
- Realtime Eventing
- Built-in 4 Way Video Switcher (SD)
- HD/SD Digital Stills (Jpeg or Bitmap)
- Video Clips (Quad Channel HD & SD)(WMV)
- Automatic dive, photo, video and anomaly logs
- Project Editor
- Client Viewer
- Realtime data logging
- 4 Serial ports for the display/logging of data
- 3 x 3Tb Removable Hard Drives
- Automatic Blackbox Quad Channel (HD & SD) Recording
- Solid state operating system drive

2.7 EdgeTouch



- 8" Touchscreen for use with the EdgeDVR Inspection System
- Video Controls Start/Pause/Stop Recording Video
 - Start/Pause/Stop Recording Video Clips
 - Take Photos, with auto-naming.
 - DVR Mode Selector
 - Camera Switcher
- Log Buttons Simple Hot Key Eventing
- Workpack Change Component Groups and Components.

Video Controls	Log Buttons	Workpack	Video Controls	Log Buttons	Workpack	Video Cont	rols Log Buttons	Workpack				
Pause Video			Last Log Event: Centralisi	ng Wedge		A Platform						
Stop Video	00	:01:02	30/01/2014 17:15:08			+ Cond	Conductors					
Hide Overlay End Video Header			Start Dive	SI	art Survey	J Tub	es					
Start Clip			Take CP		Damage	J1 J2						
Stop Video Clip	00:00:00		Metallic Debris	s	oft Debris	J3	J3					
			Hard Debris Buried			J4						
	Take Snapshot		Bare Metal	Conduc	tor Guide Frame	- Mem	pers					
Video Mode HD Mode SD Mode			Centralising Wedge	N	lovement	M1						
			Corrosion Anode			M2						
Camera Selection SD Camera 1 SD Camera 2 SD Camera 3 SD Camera 4			Marine Growth	P	ile Sleeve	M3						
			Mudmat		Scour	M4	<u> </u>					
	Enable Fullscreen		Conductor	Conductor Node End Survey End Dive			<u> </u>					
			End Survey									



Main Features -

- Pelicase storage for up to 6 x HDD Drives
- Supplied with 6 x 3TB HDD's as standard.
- Bay USB to SATA Dock.

The EdgeStore enables the user to safely transfer data from the EdgeDVR to an external PC.

Data on an EdgeDVR is stored in 3 hard drives, operations, inspections and blackbox.

The data can then be downloaded to an office PC for archive purposes.

Within the EdgeStore Kit, the 2 bay Sata to USB is used as an easy, simple interface to enable this transfer.

The Pelicase also has storage for up to 6 hard drives, it comes complete with 6 x 3TB drives

2.9 EdgeInspect



Main Features -

- Pelicase storage for up to 6 x HDD Drives
- Supplied with 6 x 3TB HDD's as standard.
- 4 Bay USB to SATA Dock.

The EdgeInspect enables the user to safely transfer data from the EdgeDVR to an external PC.

Data on an EdgeDVR is stored in 3 hard drives, operations, inspections and blackbox.

The data can then be downloaded to an office PC for archive purposes.

Within the EdgeInspect Kit, the 4 bay Sata to USB is used as an easy, simple interface to enable this transfer.

The Pelicase also has storage for up to 6 hard drives, it comes complete with 6 x 3TB drives.

3 Comparison Chart

Model	SD Channels Recording	HD Channels Recording	Combined HD & SD Recording	Blackbox	Auto Logs	Video Clips	Video Stills	Serial Ports	USB 3.0 Ports	USB 2.0 Ports	VGA	DVI
EdgeDVR 1SD	1	Х	Х	V	٧	٧	٧	4	6	4	1	1
EdgeDVR 2SD	2	Х	Х	٧	٧	٧	٧	4	6	4	1	1
EdgeDVR 4SD	4	Х	Х	٧	٧	٧	٧	4	6	4	1	1
EdgeDVR 1HD-1SD	1	1	Х	٧	٧	٧	٧	3	6	4	х	2
EdgeDVR 1HD-2SD	2	1	3	V	٧	٧	٧	3	6	4	Х	2
EdgeDVR 1HD-4SD	4	1	4	٧	٧	٧	V	3	6	4	Х	2