The Novasub DVR software is a video live-viewing, recording and streaming software with camera & light control.

The NSDVRsoft is a windows based video recording software for SD and HD cameras. The NSDVRsoft can also control the cameras and lights by using the Novasub dedicated hardware.

Extra data from external sensor can be displayed in the software combined with the video channel.

The software can be used with multiple cameras of which each camera & light can be independently controlled and recorded.

The recording is per channel at the maximum cameras resolution. The recording can also be selected synchronized recording. When this is playback all selected cameras will be played synchronized. Also has each camera channel a snapshot function.

The software also has built in text and graphics overlay control for each camera. The graphics overlay lets you place a bitmap image anywhere on the window. The text overlay is available in predefined text, free on the fly text editing and data input. The text overlay can be placed anywhere on the video image, colors and font size can be selected.

The software has a video streaming capabilities over the network. The NSDVRsoft can also control a Remote client viewer installed somewhere on a PC in the network. The operator can define what will be visible on the remote viewer. Also the NSDVRsoft can be controlled from a PC/tablet (Windows OS) on the same network either LAN wired or Wi-Fi.

The files are stored on the hard disk and can be played back using the build in player. Also the snapshots which belong to the recording can quickly be viewed. The player can also backup the recording to an external storage device like a USB-stick or external USB hard disk.

The NSDVRsoft also has the ability to adjust image settings per channel.

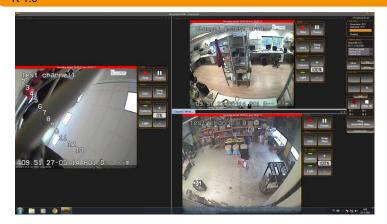Camera which are mounted on a Novasub pan&tilt can also be directly controlled from the software.

Features

- *Live video viewing*
- *Camera & Light control*
- *User window size and position configurable*
- *Multi monitor use*
- *Snapshots per video channel*
- *Bitmap overlay, size scalable and any position*
- *Text overlay, with real-time typing and stored in memory*
- *Sensor data overlay*
- *Playback function*
- *Synchronized recording and playback*
- *Remote viewer of all channels over IP*
- *PTZ control*
- *Event Management **
- *Diver Management **

*available soon

Specifications
Video & audio Capture

Video Input	:	SD , HD-SDI, BNC connector
Video Resolutions	:	SD: 720 x 480@30fps, 720 x 576@25 fps HD: 1080p@30/25 fps, 720p@60/50 fps
Audio Input	:	Mono and stereo audio, 48KHz at 24-bit, RCA connector
Filed record format	:	AVI, WMV, MPEG-2, H.264 (compressed and uncompressed)
Operating system (OS)	:	>Windows 7

Control & Settings

Advanced De-interlacing	:	Eliminating the visual defects of interlaced video
Colour Adjustment	:	Adjusting contrast, brightness and hue of the video
Comprehensive text overlay	:	Full user defined free text overlay with font type, size and color selection
Comprehensive data text overlay	:	Selection of any data input to place on video overlay
Image & video overlay	:	Select any image of video stream to overlay in live and recording video
Data input	:	Select and filter data from serial or TCP/IP input
Camera and light control	:	Select and set camera to channel, camera & light on/off, light dimming

Related Products:

- DDG 1 & 2
- SCC-PCDVR-04
- Novasub Camera's & Lights
- P&T-C

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