



NOVASUB SCC-PCDVR-04 is a ruggedized PC case with video DVR and other options.

The latest developed PCDVR case is based on an Intel PC with windows 7 operating platform. The PCDVR is a standard PC platform with the options of video recording, sonar data input, GPS input, or any other device input/output all together or separate controlled form various software applications.

The PCDVR has a built in 4 channel video capture with the Novasub DVR software. For all channels the Novasub video camera and light drivers can be installed and are fully controlled from the DVR software. Video overlay is based on text, time, date & data overlay and bitmap overlay of company logo or any other image. The monitor is a full HD high bright daylight monitor with a resolution of 1920x1080 pixels and 1000 candela LED light.

The PCDVR can be fitted with a Novasub 1, 2 or 3 CH divers comms radio. All connections are on the side or back of the case. The PCDVR is also fitted with connectors for depth input directly to the video OSD2 overlay or via the DDG diver depth gauge. The battery has a built in backup with automatic charger. This back battery is only for the PC monitor and comms. not for the cameras & light.

Features

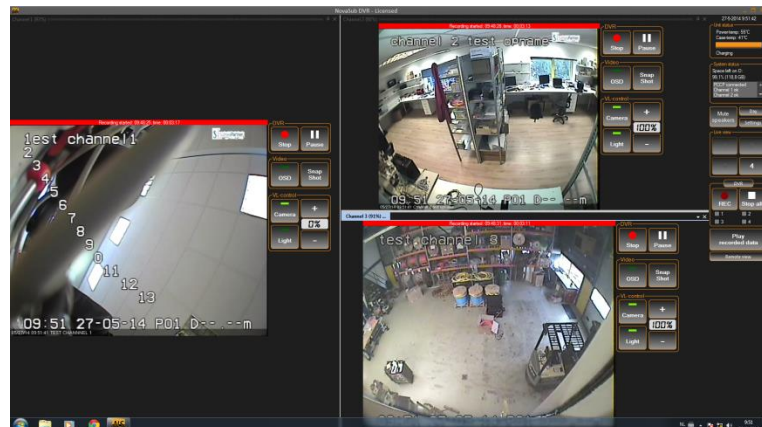
- **PC i3 /i5 Intel**
- **4CH-D1 video capture + DVR**
- **Splashproof**
- **Video overlay**
- **22" Full HD daylight monitor (100 nits)**
- **Cam & Light Control**
- **UPS power backup**
- **Solid state hard disk**

Optional

- **Touchscreen**
- **2 or 3 channel diver communication**
- **Any Digital or analogue sensor readout and logging (Ex. Diver Depth)**
- **Sensor hardware built in (Sonar, GPS, or any other device)**
- **Novasub camera and LED light control**
- **LYYN video enhancer for composite video signal**
- **RTK-heading GPS receiver (Trimble or other)**

General specifications

- UPS battery backup with charger
- Video & light control (software operated)
- 100-230 vac - 300 watt
- Video overlay of Time, Date, Data and free text per channel
- External connections: 2x RS232(485), 1x Gigabit LAN, 3x USB, video IN/OUT, audio IN/OUT, Diver comms, 3x multipin connector(camera, light, comms, sensor data)
- Splashproof keyboard with touchpad mouse
- Dimensions ext: 625x500x235 mm – 24,60x19,69x9,25 Inch
- Weight: 25 kg



Multiple window view, free positioning and sizing, full control of camera&light, recording, playback.

Related Products:

- DDG, digital depth Gauge
- Lights
- Cameras
- DLR & VLR cables
- UDS – Depth sensors

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Specifications

Monitor

Panel Type	: TFT LCD, Touch screen (resistive)
Panel Size	: 22.0"
Max. Resolution	: Full HD (1920x1080)
Backlight	: LED
Brightness	: 1000 cd/m ² (Typical), 1500 optional
Contrast Ratio	: 1000:1 (DCR)
Viewing Angle (H/V)	: 85°/80° (Typical)
Speaker	: 2 W x 2

PC Mainboard, CPU & memory

Processor	: Intel Quad Core i3 2,6GHz
Installed memory	: 4 Gb
Chipset	: Intel® H61 PCH Chipset
Audio	: Intel® H61 built-in high definition audio controller with Realtek ALC892 codec
Video	: Supports HDMI, DVI-D and VGA CRT
I/O Control	: Digital I/O Supports 4 in, 4out
LAN Support	: Dual Gigabit Ethernet
Peripheral interfaces	: 8x USB 2.,0, 2x USB 3.0, 4x COM(3x RS-232, 1x RS-232/422/485) , 4x SATA II
Expansion slots	: 1x PCI-E(x16), 1x Mini PCI-E(x1)

Novasub DVR

Channels	: 1,2,4 and 8 channel live viewing and recording @ D1-25 fps per channel
Controls of hardware	: Novasub camera and LED light control, on/off and light dimmer
Recording & Live view	: D1 Full PAL @ 25 fps per channel (individual or synchronized recording)
Playback	: Playback of each channel separately or synchronized
Window configurations	: User can make any window size & position per channel
Bitmap overlay	: Color bitmap overlay any size and place (in live view and recording)
Dynamic Data & Text overlay	: User configurable font with time, date, data and text overlay
Diver Monitor	: Diver depth & time monitoring with logging and dive profile display
Menu controls	: Rec, Pause, Play, Overlay, channel, window position & size

Video Overlay per channel

Resolution	: Full window any font size and color
Date & Time	: Real-time date & time
Data	: Real-time display of Depth sensor, Thickness gauge or any Data input
Menu	: Menu control for selecting position, fonts size and color of date, time, free text and data
Image	: Any bitmap images can be positioned and resided on the video overlay
Stopwatch	: Stopwatch function in overlay



All connection are built in boxes, all connectors are flush with the side of the case. This avoids any damage to the connectors during transport of the case.