Novasub PDC-2D2H1L-2DRVL-DVR is a surface diver air control system with communication, video & light control with digital depth gauges.

It is a pack and go solution for two divers.

Including
- Novasub 2 diver radio with video & light control;
- DVR (120 Gb SSD-HD) – 100 hrs@ 960H best 1.2 Gb;
- 2x DDG2 Digital depth gauge for diver depth, calibrated and certified;
- 2x HP Input, 1x LP input with closing valves (front connections);
- 7x Pressure gauges for all the needed readouts;
- 2x Diver air, a pneumo and a sample point output (front connection);
- Built according IMCA regulations;
- Low air supply alarm;
- Ruggedized case,
- size: 609.6 x 609.6 x 609.6 mm – 24x24x24 Inch;
- Weight: approx. 49 kg.

Options
- Extended battery as UPS;
- DDG with an analog depth gauges (Ø 63mm) or may be replaced with a analog Ø 6'' depth gauge.

2 Diver comm. VL control + DVR

The Novasub diver communication radio is based on the latest electronic technology and is specially designed for an outstanding diver and surface sound quality. The unit is standard fitted for a 2 diver connection and has a built in LED light control and video transmission over twisted pair or coax controller for each diver (CCTV). The video controller is auto tunable for any cable up to 600 m. The unit has a mains and battery backup. Is powered with a built in smart battery charger and has a battery state condition monitoring. Standard the radio is fitted with a volume controllable external speaker amplifier. Both diver and tender voice are heard on the external speaker.

The radio is based on a 2 wire communication principal and has for each diver a PTT (Push To Talk) button. The communication type is "simplex", that is to say; the operator must press a button to speak. The sound of the diver is always heard, except when operators speaks to the diver. The operator at the surface can speak to each diver individually. Also the operator can activate the communication diver-diver (Cross Talk). The SCC can also be set for Round-Robin (4 wire comms). Each diver audio and video have an output for extra monitors and recording.

For more info check the Novasub, SCC-2DRVL-DVR-G3 - 2 diver comm. VL control + DVR - R1.14 brochure.
Digital diver depth gauge

The digital depth diver depth gauge is developed to replace or supplement the current analog pneumo gauges. The DDG is not only a replacement of your standard pneumo depth gauge but an diver depth tool with multiple extra features making the diver data registration more accurate and safe. The DDG has a standard built in depth sensor with a range of 0 - 60 MSW. This sensor connected to the pneumo hose is used to measure the diver depth in the traditional way by pressurizing the pneumo hose until it is complete free of water.

Using the DDG in this way will not add much extra features as the diver depth reading is not constant and dependable on the manual pressurizing of the pneumo hose. For this reason the DDG is fitted with a connection for an external pressure sensor. This sensor is placed at the end of the diver umbilical at the diver end. The external depth sensor signal is transmitted to the surface using 2 wires in the diver umbilical cable.

The DDG meter has great functions such as switching between dive type and water type or changing settings like ppO2, nitrox value and depth units. There are also a number of alarms which can be set to give a signal to the user when they are exceeded. This makes diving a lot safer and easy to use. The alarms are for example maximum depth, dive time, ascent rate and MOD. The DDG has more; the dive can be logged in a user selectable interval. This log is stored in the DDG internal memory and can be recovered using the Windows based DDG Visualizer software. Each dive can be logged to a selected diver number, this to keep track of each diver’s dive information. In the DDG Visualizer software the Dive Profile will be displayed graphically along with all logged data. In this program the diving profiles can be added commentary and exported for further use.

The DDG can also be made with a backup analog depth gauges (Ø 63 mm) or may be replaced with an analog Ø 6” depth gauge.

For more info check the Novasub, Novasub-NSDDG-Digital-depth-gauge-R1.2.pdf brochure.

Features
- Two diver air panel
- Communication
- DVR & 10,4” monitor
- Video / Light control
- Dive logging

Related Products:
- Air diving gas panels
- DDG2
- SCC-2DRVL-DVR-G3
- DUR01
- NSBC
- LUX3R, LUX6R, LUX18R

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