

AxVIEWHD VR-RM

High Definition Rackmount Subsea Video
& Depth monitoring with SD Card Recorder



The AxVIEWHD V-RM is the second generation of our Rackmount High-Definition Video and Depth monitoring system that uses our 1080P HD AxSEEH57i SMART Camera with High Precision Electronic Depth sensor. Designed for Commercial Diving Operations, the unit can be configured as a 2 or 3-diver system.

HD Video Recording and Depth Monitoring requires a computer or tablet to use the Diving Data Management Software AxDDM V3.

This system is delivered with an integrated 1080p HD Audio/Video backup recorder on SD card. Audio/Video Files can be copy to a computer for playback.

Advanced Technology

- High Definition 1080P with very low video latency up to 660ft (200m)
- Rackmount enclosure & RUGGED components
- Uninterruptible Power Supply (UPS) (with Battery Pack)
- SAFE Low Voltage Output to the diver (<30 VDC)
- Audio & Video Inputs for recording (with Blackbox System)
- Diver depth monitoring (with computer).

Available Options

- 17" Industrial RM TouchPanel PC with 1TB SSD (RM-OPT-ITPC17-1TB)
- HD Blackbox recorder for 2 or 4 inputs (RM-OPT-BLACKBOX-2 or -4)
- Rackmount Keyboard Drawer (RM-OPT-KBT-1U)
- LCD Monitors (RM-OPT-2S07-HD, RM-OPT-18.5-Monitor)
- Advanced Decompression Module with DECO Tables: DCIEM, USNAVY, MT92 or NODTT.
- Battery Packs of 5 or 15 Ah (B05Ah-24VDC-V2 / B15Ah-24VDC-V2)

Ordering Information

AxVIEWHD2VR-RM HD Video & Depth Rec. System (Diver 1 & 2)
AxVIEWHD2VR-3/4-RM HD Video & Depth Rec. System (Diver 3 & 4)



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Specifications

General

I/O (Video/Light/Data):	1 per diver (Amphenol)
Video Loop (BNC):	1 per diver (for Blackbox)
Encoder Preview (BNC):	1 per diver
Video Output (HDMI):	1 per diver
Audio Input (BNC):	1
LED Dimmer:	1 per diver
LED ON/OFF Switch:	1 per diver
Camera ON/OFF Switch:	1 per diver
Operating Temp. (°F):	-4 to 122 (-20 to 50°C)

Mechanical

Dimensions (in):	19 x 12.5 x 3.25 (48 cm x 32 cm x 8.3 cm)
Weight (lbs):	9.6 (4.4 kg)

Electrical

Power Consumption:	140 W (max)
Main Power Input:	100-240 VAC 50/60Hz
Secondary Power Input:	24 VDC (Lead Acid Battery)

AxDDM Software

Operating System:	Windows 10
Hard Drive Space:	500 MB minimum

Features: Pre-Dive, Real Time Dive Profiles with Dive & DDC Decompression, Gas Analysers Trend & Recorder, Dive Report for each diver. Our software can be download from our website.

(HD Video Recording & Snapshots with OSD will be released later in 2021)

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