



Underwater CCTV System & Lighting



Doc-MVR5-III-2025-V1

MVR-5 III

Underwater CCTV System

UNDERWATER CCTV INSPECTION SYSTEM

Portable device for divers

Easy to use and requires no periodic maintenance

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The MVR-5 CCTV system is designed for inspection in any marine environment.

The system includes a surface unit, cables, submarine cameras and floodlights.

The system handles independently up to three divers and can optionally be equipped with a DeckCam, used to monitor any situation onboard or onshore such as the gas panel or LARS. The system can be used both for mobile and fixed installations and is designed for 24/7 operations. The surface system is installed in a IP67 Peli case with pressure compensation valve.

The images and audio are recorded by an internal DVR with removable SSHD with a capacity up to 1Tb.

The system is designed for fast and efficient operation with a single push button to start and stop recording.

It is also equipped with advanced functions such as WIFI, GPS, and possibility to remotely monitor the operation via a mobile device.

The image is displayed on a high-quality high contrast rugged VMU that allows to view the image or images in different matrix formats.

The MVR-5 is equipped with internal battery that allows to operate without external power and doubles as a UPS system for additional safety.

The rugged PUR tether cable can handle video, light and comms all in one and can be used independently or as part of a diver umbilical.

The video camera compiles with 1080p AHD video standard and the recording can be configured for different standard such as 720p / 1080p and different frame rates.

The resulting recording can be reproduced directly on the system or exported via the two USB ports to suitable memory devices.

An SD card slot also allows to use Micro SD cards as recording and storage device.

A 3/4G micro-Sim card slot allows for setup of wireless transfer of image thru telephone network.

The system is equipped with a composite video output for external monitoring or recording.

The MVR-5 system is designed to work in conjunction with the MVR-5 video camera, the MVF-5 Floodlight and the DeckCam auxiliary video camera.

The system can be used with tether cables or umbilical's up to 150m

MVR-5

Portable Underwater CCTV system



MVR-5 Portable Underwater CCTV System



Underwater camera MVC-5



FloodLight MVF-5



MVC-5
DeckCam

SPECIFICATIONS

MVR-5 Surface Unit	MVC-5 Video Camera	MVF-5 FloodLight
<ul style="list-style-type: none"> 7.5Ah internal lead battery. 15" Hight contrast VMU. Output to comms unit. Input for Audio recording. Video BNC Output. 4 channel Internal Audio/ Video recording and storage. Light intensity control. WIFI. IP connection. 3/4G connection. GPS. 	<ul style="list-style-type: none"> AHD 1080p video standard. Rugged HD Delrin housing. Max depth 300m msw. Glass anti scratch lens. 3.5 Deg Wide wiew lens. 12VDC Power. Choice from different subsea connectors <p>• Separate documentation for extended specifications.</p>	<ul style="list-style-type: none"> 10-12VDC@1A. Can be supplied with internal PWM regulation. Can be supplied for 24-30VDC operation. Internal reflector. 1450lm@1Amp. Anodized clear coated aluminium housing. Max depth 150msw. <p>• Separate documentation for extended specifications.</p>

Marine Vision reserves the right to make changes to specifications without prior notice.



Monitor with Side Control



Umbilical 100m



Charger and Feeder



Carrying Case

FEATURES:

- Dimensions 48.60 x 39.20 x 19.20 cm
- 15" LCD monitor
- Internal battery in case of power failure
- Various camera options
- Automatic color/B/W switching in low visibility conditions
- HD mini DVR digital video recorder
- Anodized aluminum MVF-5 spotlight
- 100 m Fibron MiniTV umbilical cable
- Micro Subconn connectors
- Peli waterproof carrying case
- Low maintenance
- Easy handling

ACCESSORIES INCLUDED

- 12VDC direct MVR-5 power cable.
- Battery charger and power supply.
- 20GB internal HD recorder

OPTIONAL ACCESSORIES

- Support for installation on KMDSI helmets.
- Pistol-grip for handheld operation.
- DeckCam magnetic mounted general purpose video camera.

Ref.	Description
MV-MVR-5	Underwater Inspection System CCTV MVR-5