



intelligence underwater

## HD Video Camera - Software & Licensing to get the most from your HD cameras



DIGITAL VIDEO SYSTEMS

- High Definition (1920x1080) *fNETp* Diver Hat cameras
- High Definition *fNETp* Hand-held underwater pluggable cameras
- High Definition Hyperbaric / Underwater *fNETp* cameras
- Topside *fNETp* Camera Control Units (CCUs)
- Camera control, viewing and recording software
- Integrate cameras with a Diver Monitoring System (DMS)
- Diver Planner / Dive Tables plug-in software module



### HD *fNETp* Cameras

The Fathom series of *fNETp* HD cameras take underwater high definition video systems to the next level by using a 2-wire network to connect cameras to the surface via a single twisted-pair cable. There are three camera models available, a Diver Hat Camera for mounting on any type of diving helmet, a hand-held underwater camera and a hyperbaric / underwater camera for static applications. All cameras have integral LED lights and 1920x1080 resolution.

### Camera Licensing

All cameras in the range use proprietary encoding firmware and software to allow HD video streaming and recording. This software is licensed for each camera by monthly or annual subscription which covers third-party decoder licence fees and regular CODEC, firmware and software updates to ensure you get the best and most up to date performance from your HD video systems.

### Control and Display Software

The cameras are supplied with a software suite that runs on standard Windows PCs. This software allows any cameras in your system to be controlled (light intensity, pan / zoom, overlay settings) and allows you to display multiple cameras in separate windows - up to full HD size (1920x1080). The software also supports video recording of camera streams and by using an Audio Bridge module, diver communications can be recorded alongside the camera video. Multiple PCs can view camera pictures at the same time but only one PC can control each camera.

### Software Plug-ins

The standard software supports all camera functions including the display of camera sensor data (diver depth, bail-out bottle pressure, heading). By adding the DMS software module the system can display and record all dive parameters for each diver including gas analysis and supply pressures. An additional dive planner / dive table module allows management of surface supplied diving operations using a variety of different dive tables.

### Fathom Systems Ltd.

Designers and manufacturers of mission critical monitoring, communications and control system products and solutions for commercial diving, life-support, remote intervention and underwater applications. A 12-year track record of high reliability and integrity systems that provide users with significant operational advantages. Backed up by a 24/7/365 support network that includes service, training and maintenance.

# HD fNETp Camera Licensing Costs



Diver Hat Camera  
**£28 per month**  
**£300 per year**



Hand-held Camera  
**£14 per month**  
**£150 per year**



Hyperbaric / Underwater Camera  
**£14 per month**  
**£150 per year**

The camera subscription licence is stored in the camera and updated via the control software or Camera Control Unit (CCU) at any time. The subscription covers decoder licensing charges and all periodic updates to keep the systems current and loaded with the latest firmware and software technologies.

## Software Licensing Costs



### Camera Control, Viewing and Recording Software

This software is used to manage all connected cameras and allows viewing and recording of the camera video pictures to the PC's hard disk. The software also controls the camera's integral LED light and displays the data from the camera sensors (depth, heading, bail-out pressure) and from the Camera Control Unit (CCU). Multiple instances of this software can be run at the same time, but only one instance can control the camera (master PC).

**One-off licence cost per instance (each security dongle) £150.**



### Diver Monitoring System (DMS) Software

An additional software module is available that provides an integrated diver monitoring system (DMS) that complies with NORSOK requirements to record and display the diver exposure data continuously for all divers. Based on over 14 years of experience supplying industry leading DMS installations you can be assured that diver data is faithfully recorded to meet all regulatory standards and displayed live to allow supervisors to manage underwater and decompression operations safely.

**Subscription licence cost £30 per month or £300 per year.**



### Dive Management & Table DMS Plug-in Software

When using the DMS software module, an additional plug-in is available that uses sensor data and provides a planning and management tool for supervisors. Embedded dive tables are automatically used to provide bottom-time, dive profile and decompression management with pre-dive planning and actual dive log output to PDF. Industry standard or custom tables are available.

**Subscription licence cost £16 per month for each table set or £175 per year. (One-off charges apply for custom tables)**



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