

FEATURES

- **Robust Control Unit fitted into waterproof Pelican Storm Case.**
- **Built-in high resolution monitor.**
- **Wide range underwater zoom colour camera fitted to Pan & Tilt Unit with powerful LED lights.**
- **Built-in video recording, storage, and archiving capability.**
- **External video and audio inputs.**
- **Suitable for high pressure under water environments.**
- **Pan & Tilt control facilities.**



DESCRIPTION

This system has been developed in conjunction with the Nuclear Industry to provide a unique tool for pond viewing, but could easily be used for any waterside exploration requirement. The Control Unit is supplied in one robust and waterproof Pelican Storm Case with the camera, pan and tilt unit, lighting unit, cables, and accessories neatly packaged into a second similar case.

The Control Unit contains a 17" high resolution Monitor and camera controls to operate the 36:1 zoom lens; features include auto / manual focus and horizontal image reverse (useful when viewing via a mirror). Four push buttons control the pan and tilt unit plus a switch to provide three speeds of movement to aid accuracy in aligning the required view. The video signal can be recorded using the built-in Hard Disk Recorder and stored on the large internal hard disk, or exported to an SD card for archiving or for viewing on a compatible player or computer. In addition, there is the ability to also record audio; a built-in microphone is fitted to the Control Unit top panel and an additional microphone is supplied as an option. A facility is provided to feed an external video source into the monitor and recorder. Two brightness controls are fitted to the control panel to vary the intensity of the LED Lighting Assembly. Another facility available is to display time and date, and, up to 8 pages of text may be written via a separate keyboard.

The underwater camera is a modified version of our popular Kingfisher series camera fitted to the top platform of the robust Pan and Tilt Unit. The LED Lighting Assembly fits to the camera body and the two cables from these units plug into the Pan and Tilt top platform. The underwater assembly is designed to operate from the side of a pond and adaptors are available to fit the Base plate of the Pan and Tilt assembly to a pole for underwater deployment.

This particular system utilises the Kingfisher series of cameras, however the portable control unit can be adapted to work with any of our range of cameras.