RIVERWATCHER

Mini start up guide

- Before putting the Riverwatcher into the water, make sure the Scanners are connected to the computer (via Multiplexer if you have a Riverwatcher SC-type (Scanner and Camera).
- Connect power cables to mains or battery. When safely connected and voltage tested, then you can turn on the main circuit breaker.
- Turn on the touch screen computer using the green push button. Open the Maricam program.
- In SC-type counters, use the General Settings menu to program the lights to the required time limits. The settings are: Starting time and how many hours the lights should remain on.
- Example: To turn the lights on at 9am and off at 7pm the settings are as follows: Starting time = 9. Hours on = 10 (9am + 10 hours = 7pm). The brightness of the white lights can also be set in this menu.
- In SC-type counters you first find the appropriate Scanner in the top menu.
- In SC-Type counters, within each Scanner there is a Settings menu. In it you can set the time length of the video recording. Point "0" is when the count is triggered by the scanner. The minus scale is how much of the time lapse recording we like to use before the counter is triggered. The plus scale is how much additional recording we like to use after the counter is triggered.
- Press ON. After a short while the status indicator in the bottom left corner should flash „Connected".
- Check visibility. This function is to check the status of the infrared diodes. If any of the diodes is blocked then the respective yellow dot turns black. The adjustable bar is to manually turn off some diodes e.g. if the water level is low.
- If the Riverwatcher is to be connected to the Internet, check the connection in advance and consult local service providers if needed.
- Install the Riverwatcher. If required install into a fish-way/in-scale. Note that it is important that the Riverwatcher can be accessed for maintenance and cleaning.
- The direction of the scanner unit must be checked before installation. A water flow direction label (arrow) indicates the correct orientation of the Scanner.
- Secure any loose cables to the grid to prevent damage to cables / connectors and avoid debris from getting stuck.
- Submerse the Riverwatcher. Check that the water flow through the Scanner is not creating turbulence or air bubbles.

Count fish!