



Technical Specification for Riverwatcher Fish Counter

General Data

Power Consumption	200 mA at 12V
Temperature Recorded	Every 3 hours
Fish Size	Minimum 40mm high (recommended)

Scanner Unit

Dimensions	540 x 215 x 35 mm (H x W x H)
Distance between plates	10 to 45 cm
Weight.	appr. 10 kg
Material of Construction	ABS plastic panels surrounded by 316SS cassette frame

Display Unit

Dimensions	240mm x 160mm x 67mm (H x W x H)
Weight.	1.8 kg
Material of construction	Cast aluminum
Connections	Power & Download connection

Storage Cabinet

Dimensions	40 x 50 x 30cm
Weight	appr. 15 kg
Enclosure Standard	IP 65

Software

PC database	Uses Windows operating system
Data collected	Fish size, time & date stamp, swim speed, silhouette images, water temperature
Identification	Species, sex, etc using silhouettes and high quality digital still /video images

The Control Unit

- Store and display data from the scanner.
- Serial and/or modem connection for processing data into software.

Camera Connection

- 1 -5 digital photos or video clip.
- Electrical requirement : 110/220V mains power preferred (optional 12V system available)
- Standard photo tunnel : 160 x 105 x 63 cm (L x W x H)
- Fully adjustable lighting system.