



CALITRI TECHNOLOGY

Detection and counting for aquaculture

FISH COUNTERS

LIGHT - ROBUST

ACCURATE

SENSOR SELFTEST

RAPID MAINTENANCE

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Infrared detection

PLUG & PLAY TECHNOLOGY

All electronic parts are waterproof – IP67
Easily removable and replaceable by the user on site



Waterproof – IP67
connectors molded on the cable
To connect all electronics module

Electronics modules



RAPID & EASY MAINTENANCE

The display show the counting value and the sensor diagnostics



- Counting values
- Channels status
- Sensitivity levels

CHARACTERISTICS

FC12 – fry counter

Very little fry sizes 1gr to 20gr



Type of fry	All species
Counting size	1 gr to 20 gr
Number of channels	12
Counting capacity	125 000 fry/hour
Channels width	30 mm
Input diameter	160 mm
Accuracy	97%
Dimensions L x l x P	1250 x 460 x 330 mm
Weight	18kg
Voltage	100-240Vac/15Vdc
Frequency	50/60Hz

FC8 – fish counter

Little fish sizes 8gr to 120gr



Type of fish	All species
Counting size	8 gr to 120 gr
Number of channels	8
Counting capacity	4 tons/hour
Channels width	50 mm
Input diameter	160 mm
Accuracy	97%
Dimensions L x l x P	1250 x 460 x 330 mm
Weight	18kg
Voltage	100-240Vac/15Vdc
Frequency	50-60Hz

FC4 – fish counter

Medium fish sizes 50gr to 900gr



Type of fry	All species
Counting size	50 gr to 900 gr
Number of channels	4
Counting capacity	4 tons/hour
Channels width	100 mm
Input diameter	160 mm
Accuracy	97%
Dimensions L x l x P	1250 x 460 x 330 mm
Weight	18kg
Voltage	100-240Vac/15Vdc
Frequency	50-60Hz

FC2 – fish counter

Big fish sizes 300gr to 4,5Kg



Type of fry	All species
Counting size	300 gr to 4,5 Kg
Number of channels	2
Counting capacity	5 tons/hour
Channels width	210 mm
Input diameter	200 mm
Accuracy	97%
Dimensions L x l x P	1250 x 460 x 330 mm
Weight	18kg
Voltage	100-240Vac/15Vdc
Frequency	50-60Hz

USES OF THE FISH COUNTERS

THE FISH COUNTER OUTLET PLACED DIRECTLY IN A POND



The fish counter is placed on his support tubes directly in a pond

The fish counter inlet is placed to the fish grader outlet

Flow of water: 10 - 15 m³/h

THE FISH COUNTER OUTLET PLACED ON A RECEPTION TANK

The fish counter inlet is placed to the fish grader outlet

The fish counter is placed on a reception tank to redirect fish in another pond

Flow of water: 10 - 15 m³/h



MANUAL USE – FISH COUNTER PLACED DIRECTLY IN A POND



The fish counter is placed on his support tubes directly in a pond

Reception tank is placed to the fish counter inlet, a water pump supply water in this reception tank

Flow of water: 10 - 15 m³/h