

SC-4K Counter Datasheet



Product Description

The SC-4K is a next-generation shrimp counter that:

- Uses Artificial Intelligence and Computer Vision to detect and count shrimp
- Can count up to 4,000 shrimp per minute or 200,000 per hour
- Delivers 95% accuracy
- Adapts to any manual placement transfer system

Main Features

- ✓ Dimensions (L x W x H): 120 x 63 x 40 cm
- ✓ Weight: 25 kg
- ✓ Size Range: 0.1 – 5 grams
- ✓ High Resolution Camera
- ✓ No internet required
- ✓ Easy to Use
- ✓ Plug and Play
- ✓ Cloud Storage

Benefits

- ✓ Accurate Pond stocking
- ✓ Reduced stress and handling of shrimp
- ✓ Lower Production Costs
- ✓ Improved feed management
- ✓ Reduced labor and operational costs during transfers
- ✓ Enhanced Disease prevention
- ✓ Enhanced sustainability

Technical Specifications

Dimensions and Weight

- **Dimension installed with bucket (L x W x H):** 120 x 63 x 40 cm
- **Dimensions installed without bucket (L x W x H):** 35 x 26 x 26 cm
- **Weight:** 25 kg

Power Source

- **Voltage:** 110 AC / 240 V AC
- **Total Consumption:** 35 W

Counting System

- **Material:** ABS Plastic
- **Width of the structure:** 3mm
- **Counting Capacity:** 4,000 shrimp/minute – 200,000 shrimp/hour
- **High Resolution Cameras:** 1

Screen and Control

- **Buttons:** Start (green) and stop (red)
- **Screen:** 20 x 8 cm
- **Remote Control:** Sincere Aqua App (Android)

Bucket

- **Material:** High-density polyethylene (HDPE)
- **Structure Width:** 5mm

Pipe

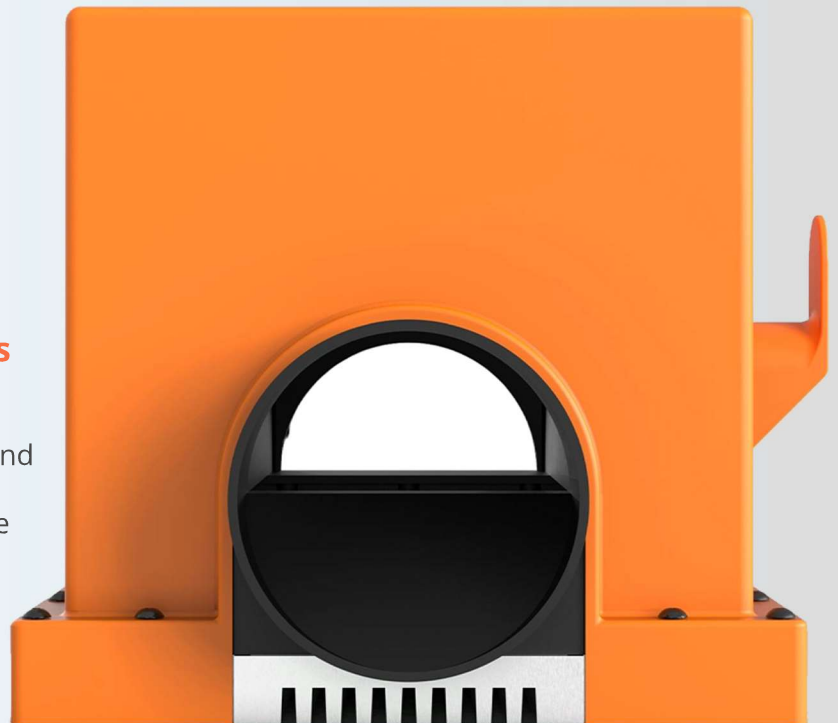
- **Discharge of Excess Water:** Yes
- **Exit Pipe:** 110mm

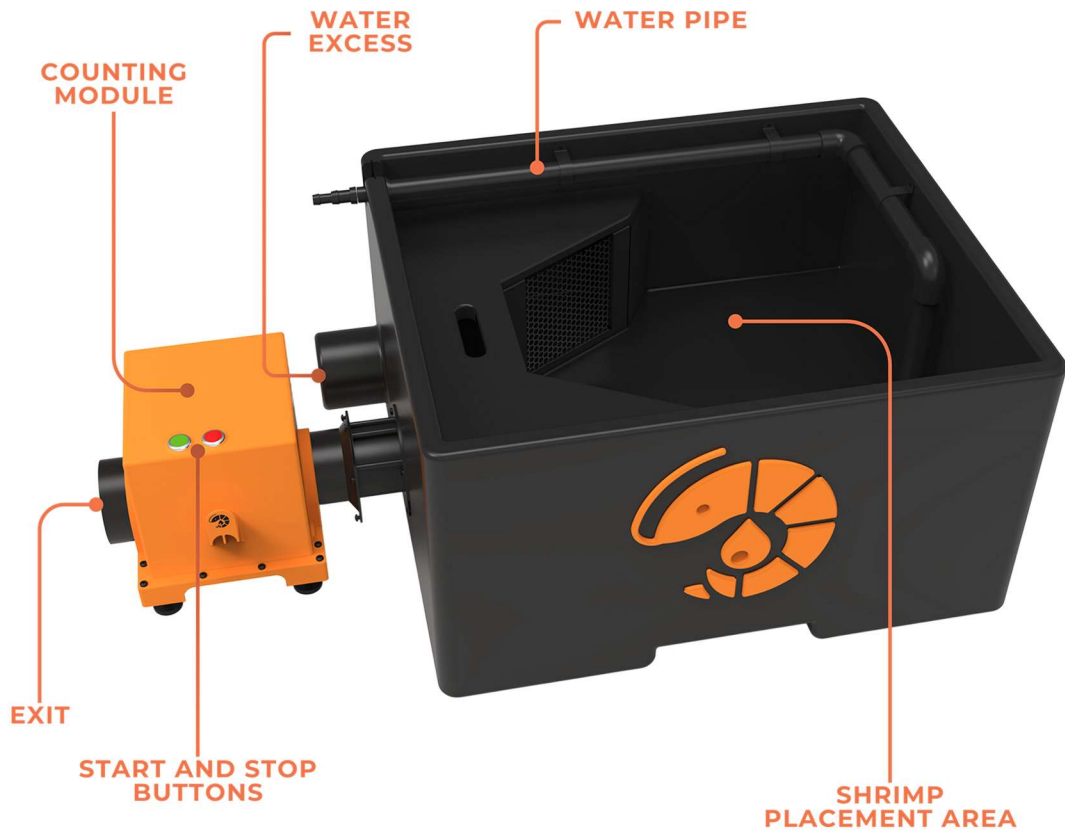
Internal Water Pump

- **Maximum capacity:** 2,000 L/h
- **Voltage:** 110 V AC / 240 V AC
- **Hose:** 30 mm

Warranty and Additional Services

- **Warranty:** 1 year
- **Software Updates:** Included
- **Transfer Reports:** Available to view and download from the website
- **Sincere Cloud:** License for the Sincere Cloud Platform
- **SLA:** Extended Warranty + On Site Backup Technology box





What's included?

Additionally to the counter (Technology box) and bucket (Place where the shrimp are placed), the following items are included upon delivery.

NO.	ITEM	DESCRIPTION	QUANTITY
1	Water Pump	2,000 L/H water pump	1
2	Outlet Cap	Outlet cap for the shrimp counter	1
3	Gasket	Gasket for improved fit between counter and basket	1
4	Screws	Screws to fasten the counter to the basket	4
5	Hose	30 mm hose for the water pump	1
6	Leveling Set	Leveling feet for the shrimp counter	4
7	Manuals & Technical Docs	Includes all necessary documentation for installation, operation, maintenance, and reporting	1