

RO-MAIN

› Lead the herd

SMART › COUNTING AUTOMATIC PIG COUNTER



A NEW ERA IN PIG FARMING

About the Product

SmaRt Counting uses a camera to count pigs of all sizes and colors with a guaranteed minimum accuracy of **99.9%**. Animals are counted or discounted depending on the direction in which they move through an alleyway, and humans are not counted. The count can be started and stopped by pressing a button and the result is available in real time on the hardware or on any device via an intuitive web application.

The Edge Intelligence Platform (EIP), on which the SmaRt Counting software runs, allows for the permanent installation of the hardware directly in the barn or the ability to move it from one barn to another if required.

Key Advantages



MAXIMIZE PROFITS

Minimize your losses by ensuring you pay/get paid for the right number of pigs.



ENSURE TRANSPARENCY

Provide video proof of your pig counting sessions to share with your clients and suppliers.



RELIABLE COUNTING, ANYTIME

Have peace of mind knowing that the pig counter will be reliable no matter the day of the week or time of year.

Ro-Main

Innovation, Performance, Simplicity

Revolutionize Your Farm with AI Technology



- › **99.9% Counting Accuracy** – Reliable and precise tracking of every pig.
- › **AI-Powered Vision System** – Automatic detection for seamless operation.
- › **Real-Time Counting** – Instant data processing for better decision-making.
- › **Local Data Storage** – No internet required for secure and uninterrupted operation.
- › **Accessible via Mobile App** – Monitor and manage data on the go.
- › **Stationary or Movable Options** – Flexibility to suit your farm's needs.
- › **Works for All Pig Sizes and Colors** – Versatile detection for every pig.
- › **Resistant to Farm Environments** – Withstands dust, humidity, and harsh conditions.

New Smart Weight Add-on



The new **Smart Weight** add-on for the **Smart Counting** pig counter provides accurate **average weight** and **weight uniformity coefficients** for batches of pigs.

This enhancement complements the device's high-accuracy counting capabilities, delivering valuable data for farmers to monitor efficiency and optimize management decisions throughout the production cycle.

Technical Specifications

GENERAL	
Height	147mm
Width	254mm
Depth	130mm
Weight	3,2kg
ENVIRONMENTAL LIMITS	
Ambient temperature range	0°C - +40°C
Operating ambient humidity range	95%
Operating altitude range (m)	2000m
Ingress protection	IP65
ELECTRICAL DATA	
Rated Voltage/Frequency	120V-240V~/50/60Hz Tolerance of +/- 10% on voltage
Fuse rating (A)	1
Power Chord Length	1,2m
Fitted 3 pin plug	Yes
Total Power Load (W)	75W
ETHERNET PORTS	
Standard	10/100Mb - 10/100/1000Mb POE
POE specifications	48VDC, 15W
Connector type	RJ45 (CAT6E)
Maximum ethernet cable length	25m
Standard	10/100Mb - 10/100/1000Mb POE
CERTIFICATIONS	
EN IEC 61326-1 :2021	
FCC 47 CFR Part 15, Subpart B – Verification, Title 47	
ICES-003 Issue 7 October 2020	
ICES-Gen Issue 1 July 2018	
ETSI EN 301 489-1 V2.2.3 (2019-11)	
IEC 61010	
IP65	



GET IN TOUCH

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