



Smart Counting

AUTOMATIC PIG COUNTER

SmaRt Counting is an AI-powered livestock counting solution that guarantees **a minimum accuracy of 99.9%** across the full spectrum of swine breeds — delivering a new standard of reliability for modern swine production operations. Leveraging advanced camera technology, the system automatically tracks animal movement through an alleyway, recording counts and discounts based on direction of travel while intelligently excluding human traffic.

Built on the Edge Intelligence Platform (EIP), SmaRt Counting offers flexible deployment options, whether permanently installed within a facility or relocated across multiple barns as operational needs evolve, making it a scalable and future-ready asset for any swine operation.



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.

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.

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.

Technical specifications

General

Height	147 mm
Width	254 mm
Depth	130 mm
Weight	3.2 kg

Environmental limits

Ambient temperature range	0°C- +40°C
Operating ambient humidity range	95 %
Operating altitude range (m)	2000 m
Ingress protection	IP65

Certifications

EN IEC 61326-1 : 2021	ICES-Gen Issue, 1 July 2018
FCC 47 CFR Part 15, Subpart B - Verification, Title 47	ETSI EN 301 489-1 V2.2.3 (2019-11)
ICES-003 Issue, 1 July 2020	IEC 61010 IP65

Ethernet ports

Standard	10/100 Mb - 10/100/1000 Mb POE
POE specifications	48 VDC, 15 W
Connector type	RJ45 (CAT6E)
Maximum ethernet cable length	25 m

Electrical data

Rated voltage/Frequency	120 V-240 V-/50-60 Hz Tolerance of +/- 10 % on voltage
Fuse Rating (A)	1
Power Cord Length	1.2 m
Fitted 3 pin plug	Yes
Total Power Load (W)	75 W



1-877-776-6246

www.imv-technologies.com

