

edgefarm Grow[★] Identifies Sick Pigs.



Inception
Program

Health Score

92

Healthy

Growth Trend

32.4 kg ↑ 4.9%

↑ 1.2 kg (24h)



Activity

High

Feeding

Normal

 edgefarm Grow

Core Functions

edgefarm Grow monitors each individual pig 24 hours a day using AI. By analyzing each animal's moving distance and time spent at the feeder, it automatically detects individual pigs that fall below the average as ill-thriven pigs and alerts the farm.

✓ Suspected Ill-thriven

The AI analyzes decreases in vitality and feeding time to alert the farm of suspected ill-thriven pigs.



✓ Real-time Video

Check pig pens via video anytime, anywhere—no farm visit required.



✓ Data-driven Breeding

Tracks pig movement to graph vitality and feeding time metrics.

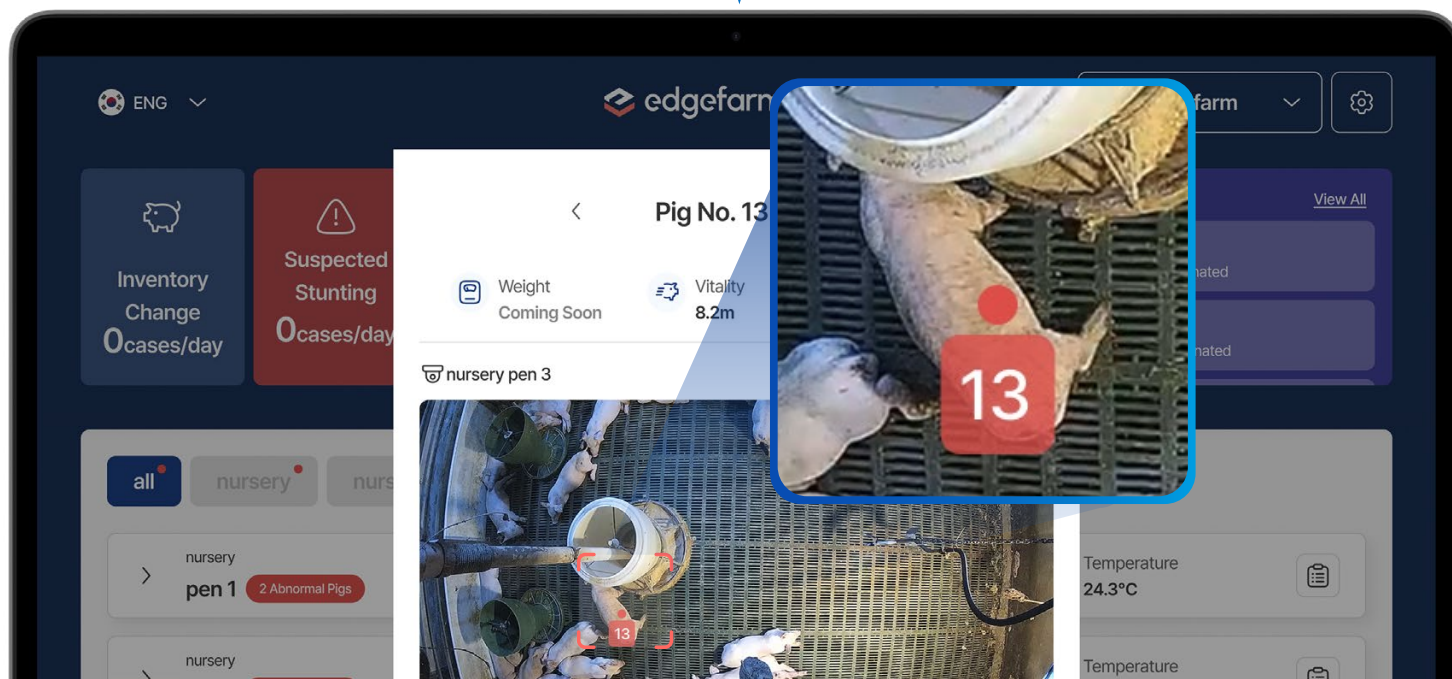


✓ Temperature

Identify areas outside the optimal temperature range via the web.



★ "Check pig No. 13 in nursery pen 3" ★



Web Interface Overview (UI/UX)

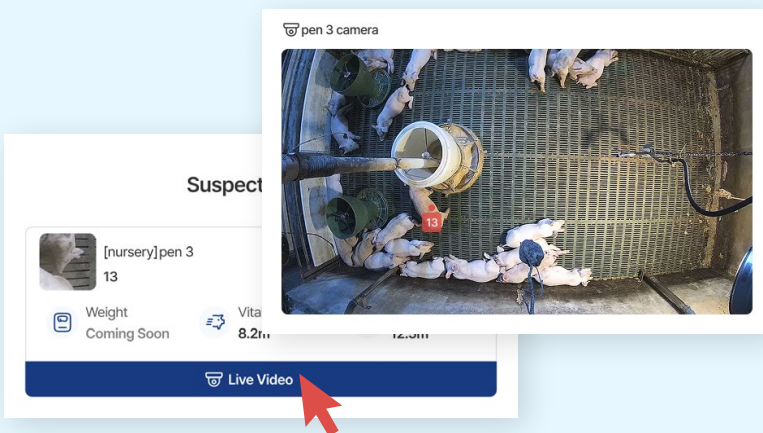
✓ See what happened last night.

-  Tracks variations in herd size, including transfers in and out.
-  Marks pigs for 'Suspected Ill-thriven' status.
-  Displays the status of installed devices (cameras and temperature sensors).
-  Highlights areas with abnormal temperatures.
-  Check the exact time when events occurred.



✓ Check pigs via real-time video.

View real-time video to check pig pens and locate suspected ill-thriven pigs.



✓ Data-Driven, Reliable Decisions

Intuitive verification and comparison of vitality, feeding time, and temperature data by barn, pen, and individual pig.



edgefarm System



Camera

Transmits video data
(DIY installation)



Edge AI

Localized inference, even in slow
internet environments



Web/Server

Saves data even during
frequent disconnections.



Mobile/Web

growth status and
environmental data



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