

Eagle Agri

Smart farming: poultry, livestock & crops

Every bird, every plant, **watched all day.**

Eagle Agri brings computer vision to poultry houses, cattle farms, greenhouses, open fields and packhouses. It counts birds and animals, spots dead birds, heat stress and lameness early, finds plant disease and pests, forecasts yield, grades produce and keeps the farm secure, using cameras instead of manual rounds.



● AT A GLANCE

Monitoring 24/7, no barn entry	Early warning Before it spreads	Counting Birds • animals • fruit	Works in Barns • greenhouses • fields
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● KEY CAPABILITIES

Biosecurity first

Watch flocks and herds remotely, so fewer people need to enter the barns.

Built for farm conditions

Works with dust, humidity, low light and infrared cameras in barns and fields.

Trained on your farm

Models are tuned on your breeds, crops and varieties.

Numbers, not just video

Daily counts, growth curves and alerts go straight to the farm manager.

● USE CASES • 25 (1/2)

Poultry & livestock

11

01 Bird counting in the house

Count the birds in each poultry house automatically, without stopping feeding or sending staff into the barn.

[Poultry farms](#)

02 Flock activity and heat stress

Watch how birds spread across the house. Huddling, panting or empty zones point to temperature or ventilation problems early.

[Poultry farms](#)

03 Dead and sick bird detection

Spot birds that stop moving or isolate themselves and alert the team to remove them before disease spreads.

[Poultry farms](#)

04 Bird weight estimation

Estimate the average weight of the flock from camera images instead of hand weighing, and follow the growth curve every day.

[Poultry farms](#)

05 Feeders and drinkers

Detect empty feeders, blocked drinker lines and birds crowding around them.

[Poultry farms](#) · [Cattle & dairy](#)

06 Egg counting on the belt

Count eggs on the collection belt for each house and flag cracked or dirty eggs.

[Poultry farms](#)

07 Cattle and sheep counting

Count animals moving between pens, pastures and trucks, and catch missing heads at once.

[Cattle & dairy](#)

08 Lameness detection

Score how each cow walks on the way to milking and flag early signs of lameness.

[Cattle & dairy](#)

09 Calving alerts

Detect the restlessness that comes before calving and alert the farmer or vet in time.

[Cattle & dairy](#)

10 Feed bunk level

Measure the feed left in the bunk and tell the team when to push up or refill.

[Cattle & dairy](#)

11 Fish feeding activity

See when fish stop feeding at the surface so the feeder stops and less feed is wasted.

[Fish farms](#)

Crops & greenhouses

6

12 Plant disease and pests

Find leaf spots, yellowing and pest damage early, row by row, before they spread across the crop.

[Greenhouses](#) · [Fields & orchards](#)

13 Plant growth tracking

Measure plant height and canopy cover over time and compare them with the crop plan.

[Greenhouses](#) · [Fields & orchards](#)

14 Fruit counting and yield forecast

Count fruit on plants and trees and forecast the harvest weeks ahead.

[Fields & orchards](#) · [Greenhouses](#)

15 Ripeness detection

Classify fruit by ripeness so pickers harvest the right rows first.

[Greenhouses](#) · [Fields & orchards](#)

16 Irrigation and water leaks

Spot dry patches, standing water and leaking lines across the field or greenhouse.

[Fields & orchards](#) · [Greenhouses](#)

17 Weed detection

Find weeds between the rows so spraying targets them only.

[Fields & orchards](#)

Sorting & packhouse

3

18 Produce grading

Sort fruit and vegetables by size, color and defects on the conveyor.

[Packhouses](#)

19 Bruise and rot detection

Remove bruised, rotten or damaged items before they are packed.

[Packhouses](#)

20 Crate and box counting

Count crates arriving from the field and boxes leaving the packhouse.

[Packhouses](#) · [Fields & orchards](#)



● USE CASES • 25 (2/2)

Farm operations & security

5

21 Farm perimeter and theft

Detect people or vehicles entering fields, barns or stores at night.

[Poultry farms](#) · [Cattle & dairy](#) · [Fields & orchards](#)

22 Biosecurity at the gate

Make sure every person and vehicle passes disinfection before entering the farm.

[Poultry farms](#) · [Cattle & dairy](#)

23 Harvest teams and attendance

Count workers in each field or greenhouse and track when each team starts and finishes.

[Fields & orchards](#) · [Greenhouses](#) · [Packhouses](#)

24 Tractor and machinery tracking

See which tractors and machines are working, idle or outside their zone.

[Fields & orchards](#)

25 Predators and stray animals

Detect dogs, foxes and wild animals near pens and poultry houses.

[Poultry farms](#) · [Cattle & dairy](#)

● TECHNICAL OVERVIEW

Video sources	NVR, DVR, RTSP streams and ONVIF IP cameras
Camera brands	Hikvision, Dahua, Uniview, Axis and other ONVIF cameras
Video formats	H.264 / H.265
New hardware	Not required: runs on existing CCTV
Dashboard	Web dashboard in Arabic and English
User roles	Administrator and user
Alerts	Live alerts with snapshot and event time; recipients and schedules per use case
Reports	Per branch, per camera and per use case
Multi-site	Map of all branches with live status
Custom rules	Models trained for your specific requirement

● INDUSTRIES

Agriculture & livestock

See it running on your own cameras.

Book a live demo and we will build the demo plan around your site and the problem you want solved.

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● HOW IT WORKS

01

Connect

Add your NVR or DVR, or an RTSP link. Cameras are pulled in automatically.

02

Draw zones

Mark the areas that matter on each camera image.

03

Set alerts

Choose who is notified, when and for which events.

04

Decide with data

Daily reports per branch, camera and use case.