Lesion Detect (Innotech Vision): AI-assisted assessment of pig lung lesions

aWISH
ANIMAL WELFARE INDICATORS AT THE SLAUGHTERHOUSE

TASK

The presence of lung lesions indicate respiratory disease and animal welfare concerns in pigs. At slaughterhouses, manual assessment is time-consuming and may vary between observers. Lesion-Detect supports consistent, objective identification and quantification of lesions from lung images.

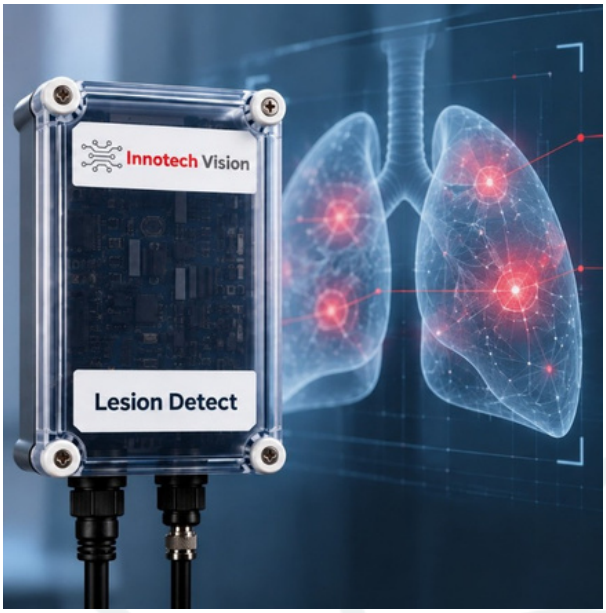
ASSESSMENT

Lesion-Detect uses image analysis and AI to identify lung boundaries and detect affected areas in images captured at slaughterhouses.

The system estimates lesion area as a proportion of the total visible lung area and provides an indicative severity classification.

Digital results can support batch comparisons, monitoring of respiratory health trends and feedback to pig producers.

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