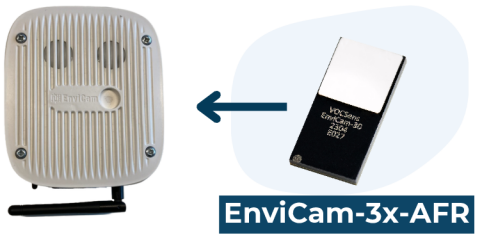
Ammonia Measurement Starter Pack

Quickly assess the scalability and cost-effectiveness of VOCSens' ammonia microsensor technology

High costs make accurate ammonia monitoring challenging in agriculture, especially with traditional electrochemical sensors that require frequent replacement and drive up expenses.



EnviCam-3x-AFR
multi-gas microsensor

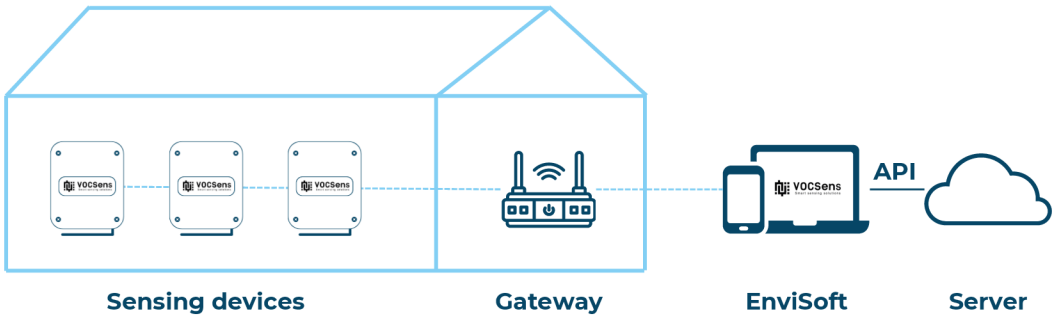
Ammonia measurement made easy & cost-effective

VOCSens' **EnviCam®-3x-AFR microsensor**, powered by advanced CMOSEnvi® technology, offers an advanced solution for **real-time nitrogen emissions monitoring** tailored to the agricultural sector. It delivers **precise data** to enhance compliance, operational efficiency, and animal welfare, all while **reducing monitoring costs by a factor of 10**.

Evaluate VOCSens' technology today

With our **plug-and-play sensing device** that incorporates the EnviCam-3x-AFR microsensor, you can quickly evaluate VOCSens' technology at multiple measurement points while staying within a limited budget.

Just connect the devices to a LoRAWAN gateway, power them on and begin collecting real-time ammonia data with ease. Use EnviSoft for intuitive data visualization, or transfer data to your own data warehouse via API.



Key benefits

- **Low Total Cost of Ownership** (TCO)
- **Extended lifespan** (5+ years)
- **Low maintenance needs**
- **Self-calibrating** algorithms

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Ammonia Measurement Starter Pack

Start your evaluation today and prepare for the next generation

What's inside the device?

- VOCSens' unique **EnviCam®-3x-AFR** gas microsensor
- Temperature & humidity microsensors
- (Optional for other gases) electrochemical cells and NDIR sensors

Technical specifications

- **Gas Sensing:** Ammonia (NH_3) 0–100 ppm and CO_2 0–5000 ppm
- **Design:** Compact (130 x 114 x 50 mm), lightweight (<400 g), IP64 housing
- **Battery:** 3500 mAh Li-ion, 12V/24V DC 1.5A
- **Operation:** Measures every 10 min (adjustable), -20 to 60 °C, 10–95% RH

They evaluated our solution

ILVO, the Flemish regional research institute for the agricultural industry, conducted several pilot studies in barns using VOCSens' technology.

Watch video *Hyperlink: https://bit.ly/ilvo-vocsens*

Ready to start?

Begin your journey with our easy-to-use sensing device and discover the benefits of VOCSens' innovative gas microsensor technology, which offers precise, cost-effective and real-time ammonia monitoring. Reach out to us for more information.

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