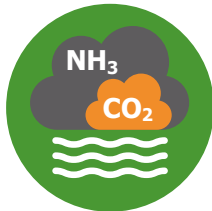




With increasing consumer awareness about food provenance, welfare and the environment, our new ALIS Sensors makes poultry and swine farming more productive, smarter and greener.



ALIS Chirpy Sensor monitors growth and productivity with acoustic measurements.



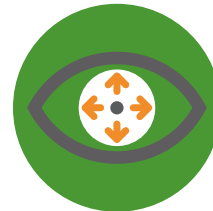
ALIS Greenhouse
Model No: ALS0047

With high levels of Ammonia, CO2 and humidity contributing to poor welfare and climate change, data and alerts in real-time enable timely interventions.



ALIS Chirpy
Model No: ALS0057

Newcastle University research revealed a chick's emotional state can be inferred with acoustic measurements to correlate with important production and welfare parameters.



ALIS Cluster
Model No: ALS0058

Thermal imaging gives the farmer visibility of flock mobility and clusters that can trigger poor litter quality, pododermatitis, and adverse gut health.



ALIS Ambient
Model No: ALS0056

Monitoring temperature and light in your barn is essential to achieve optimum production yields and maintain welfare standards.



Greencloud portal presents data and alerts in an easy to use interface.

View data and alerts in our **Greencloud** portal

Farmers can monitor their flocks in real-time with IoT (Internet of Things) enabled sensors supplying data and alerts that's presented in a user friendly desktop browser or mobile device dashboard.

The Greencloud portal enables prioritisation of early interventions to reduce the impact of adverse environmental conditions or critical animal welfare. Visit www.greencloud.global to view a demo of the portal.



Warranty valid from date of manufacture.

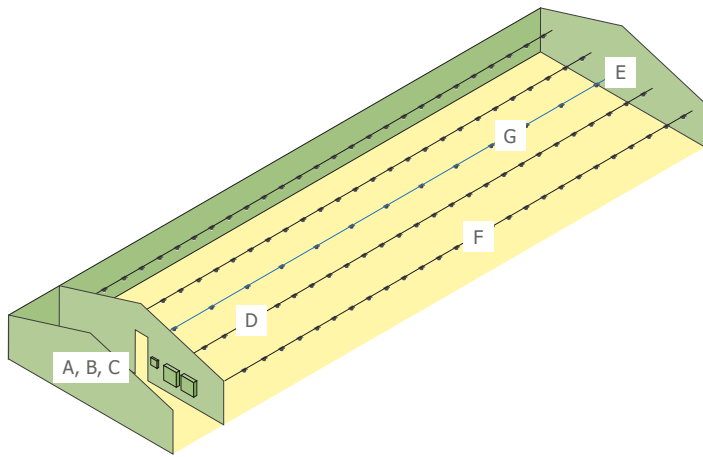


200W CE only
1-Channel (230V)
Model No: IPH200230
500W CE and UL
1-Channel (230V)
Model No: IPH500230
1-Channel (UL)
Model No: IPH500110

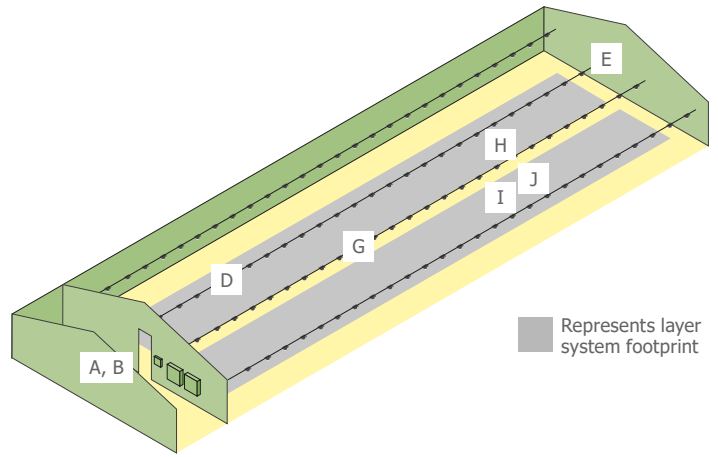
Patented inductive power enables ALIS Sensors to clip on, for quick installation and easy maintenance, while keeping the ALIS Bus cable intact for safety. ALIS Sensors can connect to the same cable as ALIS lamps (see reverse) thereby reducing cabling and hardware.

ALIS Power Hubs (above) are essential to convert AC 50-60Hz mains input into High Frequency Alternating Current (HFAC) 50kHz and deliver induction power to the sensors via our ALIS Bus cable.

Broiler package shed 25m x 90m



Layer package shed 25m x 90m



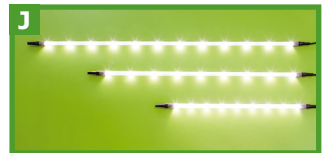
Represents layer system footprint

Why choose ALIS for broiler farming?

- Reduce aggression and mortality.
- Improve hock and foot health.
- Maintains birds' circadian rhythm.
- Even flock distribution.
- Maintain litter integrity.
- Encourage natural behaviours.

- A** 2 X Power Hub Panels Two Channels.
B 1 X DTD Controller.
C 1 x ALIS Bus Switch.
D 500m X ALIS Bus Cable.
E 5 X ALIS Junction Boxes.

- F** 100 X ALIS Barn Lamps (wide or narrow – depending on lighting requirements).
G 15 X ALIS Blue Lamps.

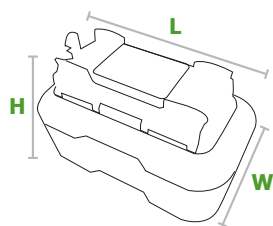


Why choose ALIS for layer farming?

- Even light distribution and reduced shadows.
- Reduce aggression and mortality.
- Improve hock and foot health.
- Maintains birds' circadian rhythm.
- Less eggs on the floor.
- Encourage natural behaviours.

- A** 2 X Power Hub Panels Two Channels.
B 1 X DTD Controller.
D 500m X ALIS Bus Cable.
E 4 X ALIS Junction Boxes.
F 100 X ALIS Barn Lamps.
H ALIS Nest Lamps.
I ALIS Couplers for ALIS Tube Lamps.
J ALIS Tube Lamps (0.6m, 0.9m, 1.2m).

ALIS Sensor dimensions and weights



| | |
|------------------------|-------|
| Width | 100mm |
| Height | 100mm |
| Length | 170mm |
| ALIS Greenhouse Sensor | 1.2kg |
| ALIS Greenhouse Probe | 1.4kg |
| ALIS Chripy Sensor | 1.2kg |
| ALIS Chripy Probe | 1.2kg |
| ALIS Cluster Sensor | 520g |
| ALIS Ambient Sensor | 1.2kg |
| ALIS Ambient Probe | 400g |

ALIS Sensor specifications

| | |
|-------------------------------------|-----------------------|
| Material for coupler | Polypropylene |
| Material for heat sink | Anodised Aluminium |
| Only for use with ALIS power supply | Yes |
| Communication | WiFi |
| Max Power | 1W |
| CO2 | 0 to 5000ppm |
| NH3 | 0 to 100ppm |
| Humidity | 0 to 95% |
| Temperature | -20°C to 55°C |
| Light | Lux, Spectrum and CCT |

Environmental specifications

| | |
|--|---------------------------------------|
| Approvals: CE, UL and CSA certified | Operating temperature: -20°C to +55°C |
| Chemical compatibility: Agricultural cleaning agents | Production types: Poultry and swine |
| Humidity range: 0 to 95% | Warranty: 3 years |
| Ingress protection: IP66 | |



Download multi-language information

View patents at www.greengage.global/patents

Approvals and certifications

