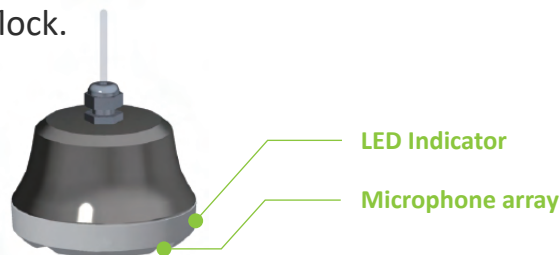


# AI Acoustic Monitor



Respiratory diseases in poultry, particularly for chicken species, are currently the most significant diseases. Causing substantial economic losses to global poultry industry yearly, characterized by the presence of rough particularly for sounds during breathing. Typically, these diseases involve obstructions in the upper respiratory tract, such as the trachea or throat. By capturing chicken vocalizations, extracting and automatically segmenting the audio, and applying time-frequency analysis, AI can determine normal or abnormal sounds. If the proportion of abnormal sounds is high, farmers can receive real-time alerts online, enabling them to promptly monitor the status of the chicken flock.



Item	Specification
Product name	AI crowing monitor
Model name	A306
Wireless	Wi-Fi IEEE 802.11a/b/g/n/ac 2.4GHz 5GHz
Measuring range	10-meter diameter
Working temp.	0~50°C
Power	AC 100V-240V
Storage	16 GB
Product Weight	
Product Size	Diameter 10cm / Height 8.6cm

## Key Features

- \* Low cost
- \* Experimentally proven to detect events 2 days earlier than farmers
- \* Automatic detection during Night-time
- \* Real-time online notifications
- \* Quick installation