

Antares

Compact poultry controller that
unleashes your farm's potential



Discover Antares

Poultry automation reinvented

Antares is Hotraco's newest 7" compact farm controller. With its broad package of functionalities, remote control, extensive connectivity and big data features, Antares represents the most solid foundation for the future of farm management, automating and optimizing all crucial farm processes.

With its 7" screen and intuitive ease of use, this controller easily enables farmers to leave behind manual tasks and rely on data-driven farm automation. This in turn allows to minimize costs while achieving the highest performance out of the animals' genetic potential.

Antares is the compact controller for the smart automation of all your barn processes – from ventilation, climate control, feeding and watering, to animal and silo weighing and lighting.

The Antares logo, featuring a stylized 'h' icon followed by the word 'Antares' in a bold, sans-serif font.

Embrace automation and leave behind manual tasks



Minimize costs while unlocking your animals' full genetic potential



Enhance farm performance and profitability with real-time data



Significant energy savings through optimized ventilation processes

The Benefits of Antares

The new foundation of your farm

Discover the revolutionary benefits of automation for your farm. Reduce costs, save labor, eliminate human errors, and boost profits as you enhance the lives of your animals. Implement smart control systems and automated components to optimize key processes, from feed and water to climate and ventilation. Effortlessly accommodate your animals' changing needs by maintaining ideal growth conditions through 24/7 automatic adjustments. This is crucial in today's world, as genetics advance, animals become more delicate, requiring consistently optimal barn conditions to protect them and maximize their genetic potential.

Discover the benefits of smart control system with automated components



Increased profits

- ✓ Highest results out of your animals' genetic potential
- ✓ Improved animal health and less disease
- ✓ Optimal farm performance



Up to 90% less manual work

- ✓ Automate up to 90% of manual tasks
- ✓ Automatic adjustment of temperature, ventilation, humidity and lighting
- ✓ 24/7 control of all barn processes from your phone



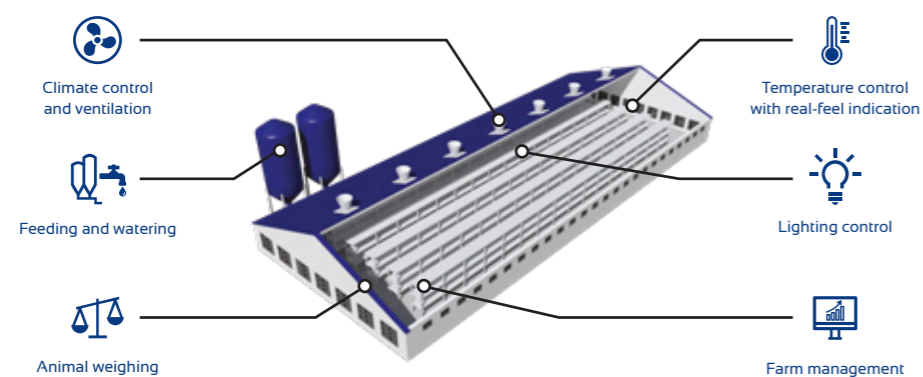
Cost savings

- ✓ Save labor costs
- ✓ Minimal energy usage
- ✓ Fewer human errors

Farm Process Automation

6 major optimized processes

Automatic climate control and ventilation	Automatic feeding and watering	Automatic lighting
<ul style="list-style-type: none">✓ Optimal air circulation for improved animal health and growth✓ Always perfect climate conditions, independent of outside climate✓ Never too late with changing climate, open windows from your phone	<ul style="list-style-type: none">✓ Optimize feed and water intake for better animal health✓ Monitor feed and water consumption for early disease detection✓ Never feed by hand again and always the right amount	<p>Automatic light regulation for;</p> <ul style="list-style-type: none">✓ Enhanced animal well-being✓ Various dimmable light schemes and settings✓ Better feed intake✓ Desired animal behavior



Automatic temperature control	Automatic animal and silo weighing	Automatic farm management
<ul style="list-style-type: none">✓ Reduce energy costs with efficient temperature management✓ Improve animal health and growth by managing temperature control✓ Temperature control with real-feel indication	<ul style="list-style-type: none">✓ Monitor animal weight progression for timely interventions✓ Gain valuable insights on animal weight and growth✓ Always know the amount of feed in your silos	<ul style="list-style-type: none">✓ Monitor living conditions with 24/7 insight into your farm processes✓ Analyze real-time data for better decision-making and farm performance✓ Compare current flock performance with historical data

Antares Controller

Recreate your farm on any device



1. Easy and customizable

Antares is designed for ease, bringing all the functions you want, customized for your specific poultry house. As you navigate your farm on the screen, it displays only the most relevant information at that moment. See your operations come alive and manage them effortlessly with our customizable, user-friendly interface.

2. See real-time farm conditions

Through photos of your own farm processes and real-time data, Antares visualizes the live conditions in your farm. See what's happening 24/7 and react fast on changing conditions in your poultry house. With Antares' super-fast 7" touchscreen, you're never too late again.

3. Remote control and connectivity

Antares is a platform that communicates effortlessly with your mobile devices running iOS and Android. And it can also sync to PC Farm Management software. With Antares, you get instant notifications and control – no matter where you are, you're always informed and in command. Enjoy the convenience of remote control from your phone.

4. Ready for Big data and iHotraco

Antares syncs effortlessly with controllers and components across all brands, giving you unmatched versatility. With iHotraco it provides a 100% complete, secure and real-time data set that works with any third-party dashboard via REST API technology. Get ready to monitor, compare and optimize your farm performance.

Antares Features

Parts, functions and features	CL	PB	SAW	EGG
Weather station				
Outside temperature	✓	✓		
Management				
House management		✓	✓	✓
Broiler Flock Chart Module (optional)		○	○	
Climate				
Room temperature sensors	8	8		
Negative pressure sensors	2	2		
Relative humidity sensors	2	2		
CO ₂ sensors	2	2		
Ventilation				
Basic ventilation	✓	✓		
Tunnel ventilation	✓	✓		
Ventilation proportional/ON-OFF - Number of groups	8	8		
Damper related to ventilation	✓	✓		
Energy Saving Mode Module (optional)	○	○		
Dampers on temperature - Number of zones	2	2		
Inlet basic on temperature, negative pressure or synchronous - Number of zones	5	5		
Inlet basic with cascade control - Number of cascade flaps	3	3		
Inlet basic with winter flap control - Number of winter flaps	2	2		
Inlet tunnel on negative pressure, synchronous or 6x ON-OFF on ventilation level	✓	✓		
Inlet tunnel with cascade control - Number of cascade flaps	3	3		
Heating				
Heating via prop integrated, proportional or ON-OFF - Number of controls	2	2		
Heating - Number of zones per control	4	4		
Cooling				
Cooling via ON-OFF or pulse/pause - Number of controls	1	1		
Cooling - Number of zones per control	4	4		
Mixing ventilation				
Mixing ventilation via proportional or ON-OFF - Number of controls	1	1		
Humidifier				
Humidifier via ON-OFF or pulse/pause	✓	✓		
Feed				
Pulse counter		✓	✓	✓
Pulse counter - Number of supply silos		1	1	1
Silo weighing		✓	✓	
Silo weighing - Number of supply silos		2	2	
Cross auger - Number of augers		1	1	1
Feed chains control		✓	✓	✓
Feed pans control		✓	✓	✓
Water				
Water counters - Number of counters		1	1	1
Water control		✓	✓	✓
Eggs				
Egg counting				✓
Egg collection (Module)				✓
Lighting				
Main lighting via dimmable or ON/OFF		✓		
Animal weighing				
Animal weighing - Number of scales		2	2	
Connectivity				
PC Module (optional)		○		
App Module (optional)	○	○	○	
Notification Module (optional)	○	○	○	

CL = Climate
✓ = Standard available

PB = Poultry Broiler
○ = Optional via extra module

SAW = Silo and Animal Weighing
EGG = Egg Flow Control

Features apply from Antares version 3.1.0

Antares Modules

Choose from a variety of modules to customize to your farm and preferences. Antares gives you the power to control all your main farm processes, and our optional modules provide advanced optimization opportunities.

Optional modules	Why poultry farmers choose these modules
PC Module	The PC Module enables quick, graphical analysis of animal performance across locations, comparing weight, feed and water intake, climate and more.
App Module	Enjoy 24/7 access and command over your poultry house operations from your phone or tablet, replicating your Antares touchscreen for easy control.
Notification Module	The Notification Module sends timely alerts about poultry house conditions to your device, helping you react fast to maintain optimal animal health.
Flock Chart Module	This module helps you monitor animal performance with a clear view of your flock's daily or weekly data, including data from 5 days before the start of the cycle.
Energy Saving Mode Module	Reduces your power consumption automatically by adjusting the speeds of your fans. Lower fan speeds lead to reduced energy usage and cost savings.

Energy Saving Mode

Save energy costs with Energy Saving Mode for ventilation. This module reduces your power consumption by automatically adjusting the speeds of your fans. Lower fan speeds lead to cost savings and reduced energy usage during farming operations. As more ventilation is needed, fans start slowly and speed up gradually for the best results and maximum energy savings.



Hotraco Agri

Part of Hotraco Group

Hotraco Agri

As a global leader in innovative control technology, Hotraco Agri develops, manufactures and supplies top-quality automation systems for the livestock sector. Our mission is to enhance poultry farmers' business performance through automation solutions that prioritize animal welfare and maximize yields.

Global network, local expertise

Based in the Netherlands, the Hotraco Development Center is situated within the world's smartest region – the Eindhoven, Leuven and Aachen circle. Our global presence is maintained through sales offices, dealers and installers, ensuring worldwide support.

Part of Hotraco Group

Hotraco Group comprises inventive, tech-focused companies specializing in system development and integration. Operating internationally with over 235 employees worldwide, our companies strive to optimize living, working, storing, growing conditions for people, animals and crops. Combining cross-sector knowledge and problem-solving abilities, we always seek and deliver the best possible solutions.



LIVESTOCK



CROP STORAGE



HORTICULTURE



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