

NANO

THE CUSTOM MADE INTEGRATED SOLUTION



ALL-IN-ONE | UPGRADEABLE | FLEXIBLE | USER-FRIENDLY



Are you looking for an integrated-management system for your animal production buildings? One you can adapt to your needs? You want an intelligent and reliable tool that will let you manage your production remotely? And one that's affordable?

INTRODUCING NANO. UNIQUELY FLEXIBLE.

The electronic architecture used for Nano stands out from the competition. It was designed to let you configure the product according to your needs. The configuration is remarkably flexible and easy to update enabling you to follow market trends, or technological breakthroughs.

FEATURES

- Optimization of the temperature and the ambient air quality through the combined management of the ventilation, air inlets and heating
- Temperature, min and max ventilation parameters can be programmed according to animal age
- Management of the air inlets, ventilation, heating, fogger, lighting, feed lines and feed bins.
- Management of dedicated equipment via timers
- Ventilation adjustments with outdoor temperature compensation and night adjustment
- Air inlet compensation according to static pressure
- Humidity compensated by heating and ventilation
- Option to program 8 lighting periods according to animal age
- Excellent decision support tools are provided through reports and histories produced
- True bypass switches let you easily take control of your outputs
- Clever clean wiring for easy access
- Full remote access and control from anywhere when an Internet connection is available and the PC compatible software is installed.
- Independent cards for easy maintenance



UPGRADEABLE

It will always be easy for you to update Nano according to your needs, market trends, or technological breakthroughs.

COMPLETE

Thanks to its modular design, Nano allows you to control a wide variety of equipment types:

- Fans
- Heating
- Air inlets
- Lighting
- Foggers/Misting
- Feed lines
- Auger
- Bird Scale
- Bin Scale
- Timers
- Water meters
- Temperature, humidity and static pressure sensors

SIMPLE

The simplicity of Nano is unique. You can easily program each piece of equipment in your production building. You get clear information that is accessible via the Internet or on the touch screen, which is illustrated with meaningful icons.



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INPUTS/OUTPUTS

The Nano-24 can be equipped with up to 24 outputs and the Nano-36 supports up to 36 outputs. Each unit includes a graphical colour touchscreen and an optional communication port (wireless or Ethernet).

The Nano communication platform allows you to control your production activities from any Web connected device. A Nano unit supports the following types of inputs and outputs:

INPUTS (MAXIMUM AVAILABLE)

- 6 indoor-temperature sensors
- 1 outdoor-temperature sensors
- 3 inputs to share between humidity, static pressure, Ammonia and CO2 sensors
- 3 remote lighting controls
- 6 inputs to share between water meter, auger run time, feed line run time

OUTPUTS (MAXIMUM AVAILABLE)

- 16 fans
- 4 main air-inlet zones
- 4 secondary air-inlet zones
- 6 heating zones
- 8 lighting outputs
- 12 timers
- 4 feed lines
- 4 feed bins
- 1 fogger/mist
- 3 alarm contacts



THE COMPLETE LINE OF CANARM-INTELIA CONTROLS



UNITY
CLIMATE CONTROL



SOLO - CLIMATE CONTROL
FORCED VENTILATION



SOLO - PROGRAMMABLE
LIGHTING CONTROL



NANO CONTROL



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