

SIGMA 2 | Advanced Climate Computer & Bird scale computer

It allows to manage ventilation, heating, cooling, alarm, timing, curves, statistics, air-inlets and dosage of food.

DETAILS

CLIMATE CONTROL

- Total control of the equipment with 7" Touch Colour Screen.
- Control of temperature, humidity, static pressure ammonia, CO₂ and wind.
- 0-10 V outputs to control a power stage, frequency adjusters or additional air-inlets control stage.
- It can control 4 groups of air-inlets and the ventilation of the farm with up to 25 ventilation stages.
- Control of 4 individual heatings + 4 auxiliary contacts.
- Control of 5 motors directly by relay.
- Types of farms: Tunnel, lateral and combi-tunnel.
- The ventilation stages for fans and air inlets could be synchronized and programmed by temperature or m³/h
- The cooling can be programmed in stages and according to the day of the animal.
- It controls ventilation according wind chill factor (temperature mixed with humidity).
- Hardware: Modular boards for relays, outputs, inputs, etc
- The curves of the Sigma 2 also manage cooling, heating, temperature alarms, CO₂, ammonia, etc.

- It has programmable temperature curves, statistics and breeding management.
- Control of up to 3 poultry weighing scales. Management of 2 brooders.

FEEDING

- Display of the main information of the silo manager: weighing and consumption management.
- Surveillance function for feeding and water consumption. Sigma 2 activates alarms when feed and water consumption is different than programmed.
- It has programmable temperature curves and breeding management.

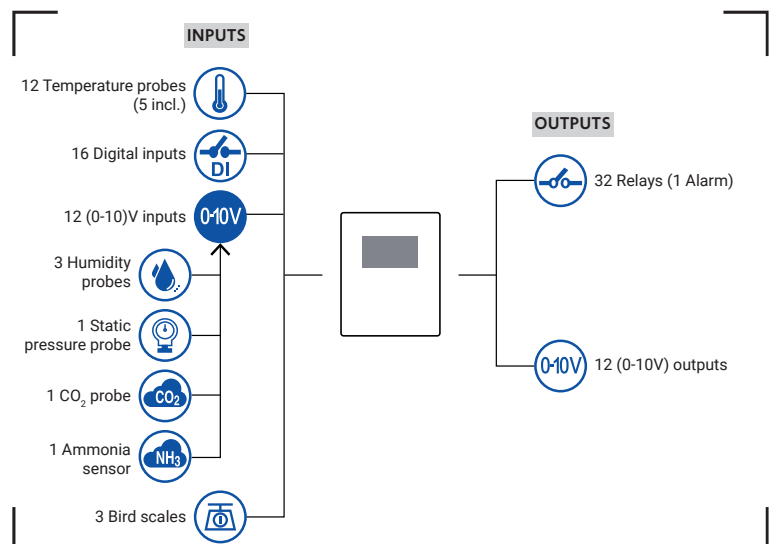
COMMUNICATIONS

- CTIportal: It enables the access to the CTIcontrol digital devices to internet. It works with cloud system. It allows to have remote control and monitoring with all type of statistics, alarms, surveillances and notifications.

POULTRY WEIGHT CONTROL

TECHNICAL SPECIFICATIONS

REFERENCE	SIGMA 2
INPUTS	12 Temperature probes (5 incl.) 3 Humidity probes 1 Static pressure probe 1 CO ₂ probe 1 Ammonia sensor 16 Digital inputs 12 (0-10)V inputs 3 Bird scales
OUTPUTS	32 Relays 12 (0-10V) outputs
VOLTAGE	110 - 240 Vac
MEASURES	331x425x182 mm
IP PROTECTION	IP67
NORMATIVES	89/392/EEC - 73/336/EEC - 73/23/EEC





CHARACTERISTICS

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|-------------------|-----------------------|------------------------------|----------------|
| Ventilation | Air-inlets (5) | Dosage food | Lighting (2) |
| Heating (4) | Curves | Management of food and water | Clocks (2) |
| Cooling (2) | Statistics | Brooders (2) | Counters (4) |
| Wind chill factor | Auxiliary contact (4) | Alarm | Timing |
| | | | Communications |