

# SIGMA 2

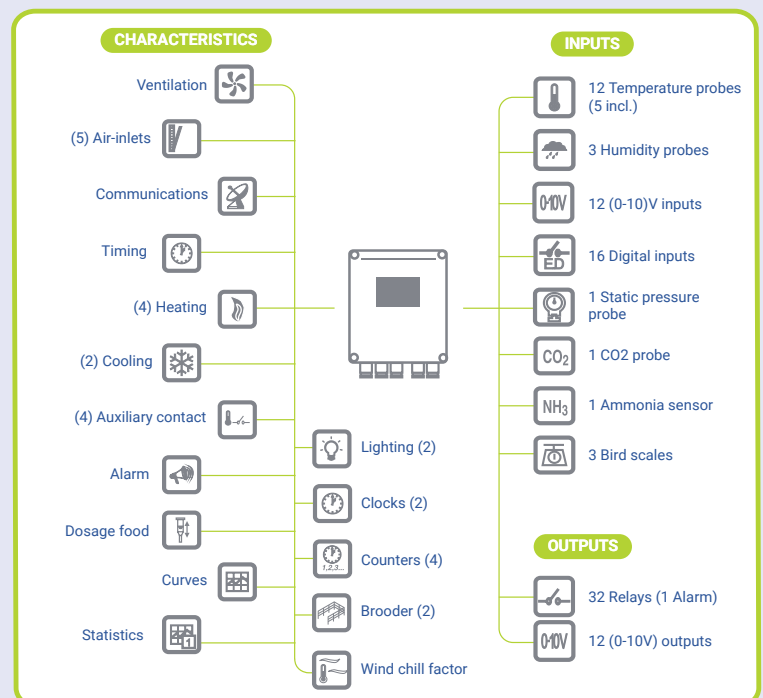
## Advanced Climate Computer & Bird scale computer

### DETAILS

- It allows to manage ventilation, heating, cooling, alarm, timing, curves, statistics, air-inlets and dosage of food.
- Total control of the equipment with 7" Touch Colour Screen.
- Control of temperature, humidity, static pressure ammonia, CO<sub>2</sub> 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 8 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 m<sup>3</sup>/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).
- It has programmable temperature curves, statistics and breeding management.
- Display of the main information of the silo manager: weighing and consumption management.
- Control of up to 3 poultry weighing scales. Management of 2 brooders.
- 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.
- The curves of the Sigma 2 also manage cooling, heating, temperature alarms, CO<sub>2</sub>, ammonia, etc.
- Hardware: Modular boards for relays, outputs, inputs, etc
- 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.

### TECHNICAL SPECIFICATIONS

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



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