

OMEGA | GLOBAL COMPUTER: Climate + Silos + Bird scales

It allows to manage ventilation, heating, cooling, alarm, timing, curves, statistics, air-inlets and dosage of food. It controls up to 3 bird scales from CTIcontrol and 3 silos.

DETAILS

CLIMATE CONTROL

- Total control of the equipment with 10" Touch Colour Screen.
- 0-10 V outputs to control a power stage, frequency adjusters or additional air-inlets control stage.
- It can control 8 groups of air-inlets and the ventilation of the farm with up to 32 ventilation stages.
- Control of 8 motors directly by relay.
- It controls ventilation according wind chill factor (temperature mixed with humidity).
- 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 has timing function for ventilation, heating, cooling and 4 auxiliary contacts. It can control 12 individual heatings.
- The curves of the Omega also manage cooling, heating, temperatura alarms, CO₂, ammonia, etc.
- Control of temperature, humidity, static pressure ammonia, CO₂ and wind.

- It has timing function for ventilation, heating, cooling and auxiliary relays.

- Hardware: Modular boards for relays, outputs, inputs, etc

POULTRY WEIGHT CONTROL

- It has programmable temperature curves, statistics and breeding management.
- It displays all the information from the CTIcontrol bird scales and silo systems CTIcontrol.
- Statistics for total control of the farm and breeding management. It manages 2 brooder areas and aviary.

FEEDING

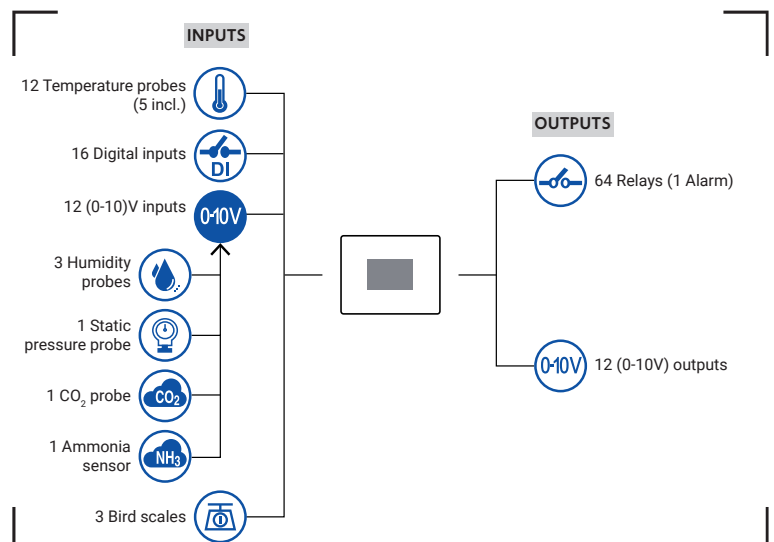
- It can display part of the information of the SWD silo management computers: weight, consumption, etc.
- Surveillance function for feeding and water consumption. Omega activates alarms when feed and water consumption is different than programmed.

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.

TECHNICAL SPECIFICATIONS

REFERENCE	OMEGA
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	64 Relays 12 (0-10V) outputs
VOLTAGE	110 - 240 Vac
MEASURES	500x390x210 mm
IP PROTECTION	IP67
NORMATIVES	89/392/EEC - 73/336/EEC - 73/23/EEC





CHARACTERISTICS

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|-------------------|-----------------------|------------------------------|----------------|
| Ventilation | Air-inlets (8) | Dosage food | Lighting (2) |
| Heating (12) | Curves | Management of food and water | Clocks (2) |
| Cooling (2) | Statistics | Brooders (2) | Counters (6) |
| Wind chill factor | Auxiliary contact (4) | Alarm | Timing |
| | | | Communications |