
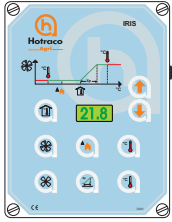



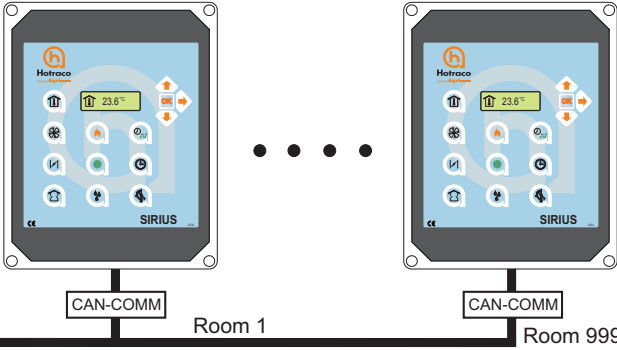

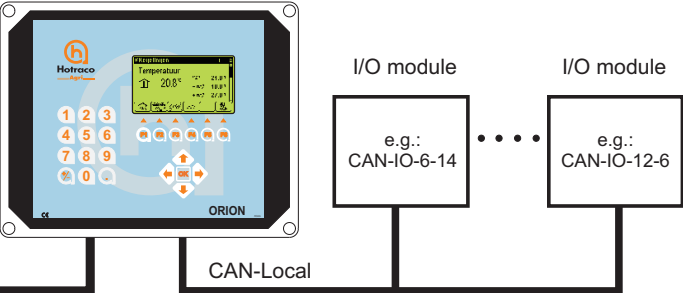
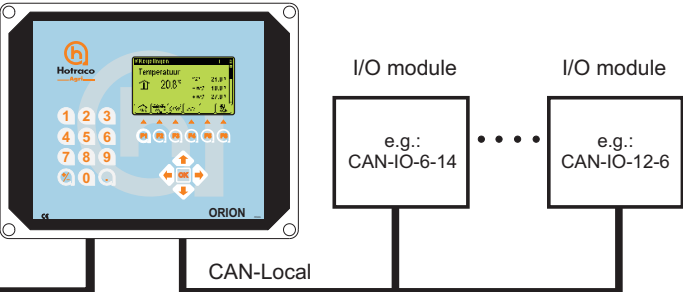
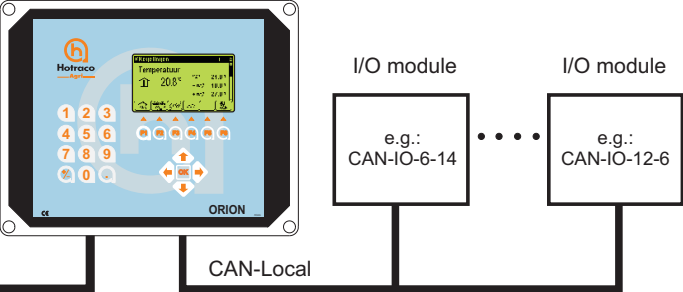
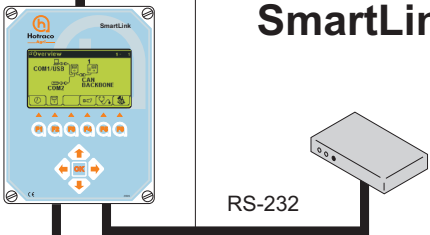









List of HOTRACO AGRÍ computers for Poultry houses

Communication	Type of computer	Controls
	<p>IRIS-S / V (stand-alone)</p>  <p>IRIS-S IRIS-V 5A IRIS-V 12A</p>	<p>Ventilation proportionally (IRIS-V);</p> <ul style="list-style-type: none"> - fan (triac/0-10V) or; - control damper + measuring fan or; - fan + measuring fan or; - fan + TTM or; - fan + control damper + measuring fan <p>Ventilation steps (IRIS-S);</p> <ul style="list-style-type: none"> - maximum 6 <p>Air inlet (IRIS-S);</p> <ul style="list-style-type: none"> - 0-10V negative pressure <p>Heating or cooling (IRIS-V)</p> <p>Heating and cooling (IRIS-S)</p> <p>Humidity (IRIS-S)</p>
<p>Rainbow+</p> 	<p>SIRIUS-CL / V (stand-alone)</p>  <p>RS-232</p> <p>SIRIUS-CL SIRIUS-CLS SIRIUS-V 5A SIRIUS-VS 5A SIRIUS-V 12A SIRIUS-VS 12A</p>	<p>Ventilation proportionally;</p> <ul style="list-style-type: none"> - Sirius-CL (0-10V) - Sirius-V (0-10V, triac 5A of 12A) <p>Ventilation steps;</p> <ul style="list-style-type: none"> - Sirius-CL (max. 8) - Sirius-V (max. 6) <p>Heating (ON/OFF or prop./0-10V)</p> <p>2nd Heating (ON/OFF or prop./0-10V)</p> <p>Cooling (ON/OFF)</p> <p>2x Air inlet (temp./neg. press./sync.)</p> <p>RH + humidification</p> <p>Timers;</p> <ul style="list-style-type: none"> - Sirius-CL (max. 3) - Sirius-V (max. 2) <p>Counter inputs;</p> <ul style="list-style-type: none"> - Sirius-CL (max. 3) - Sirius-V (max. 1) <p>Communication (backbone via CAN-COMM)</p>
	<p>SIRIUS-CL / V (with communication)</p>  <p>Room 1 Room 999 (max.)</p>	<p>Ventilation proportionally;</p> <ul style="list-style-type: none"> - Sirius-CL (0-10V) - Sirius-V (0-10V, triac 5A of 12A) <p>Ventilation steps;</p> <ul style="list-style-type: none"> - Sirius-CL (max. 8) - Sirius-V (max. 6) <p>Heating (ON/OFF or prop./0-10V)</p> <p>2nd Heating. (ON/OFF or prop./0-10V)</p> <p>Cooling (ON/OFF)</p> <p>2x Air inlet (temp./neg. press./sync.)</p> <p>RH + humidification</p> <p>Timers;</p> <ul style="list-style-type: none"> - Sirius-CL (max. 3) - Sirius-V (max. 2) <p>Counter inputs;</p> <ul style="list-style-type: none"> - Sirius-CL (max. 3) - Sirius-V (max. 1) <p>Communication (backbone via CAN-COMM)</p>
<p>CAN-Backbone</p>	<p>ORION-CL</p>  <p>I/O module I/O module</p> <p>e.g.: CAN-IO-6-14 e.g.: CAN-IO-12-6</p> <p>CAN-Local</p>	<p>Ventilation;</p> <ul style="list-style-type: none"> - proportional (0-10V) and/or; - steps (max. 16) and/or; - natural (max. 3 flaps) and/or; - tunnel ventilation and/or; - mixing ventilation and/or <p>4x Heating;</p> <ul style="list-style-type: none"> - ON/OFF and/or; - proportional <p>2x Cooling (ON/OFF)</p> <p>6x Air inlet (temp./neg. press./sync.)</p> <p>RH + humidification</p> <p>4x Timers</p> <p>Communication (RS-232/backbone)</p>


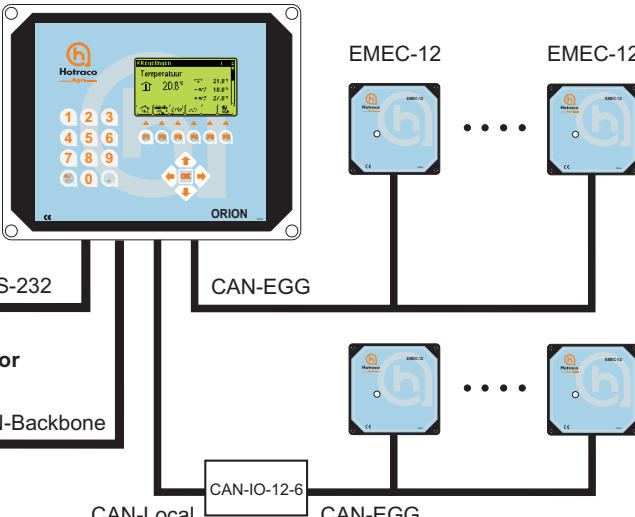

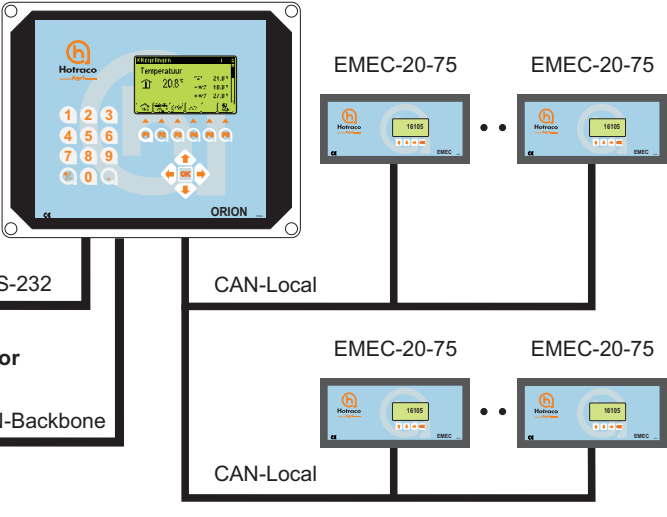

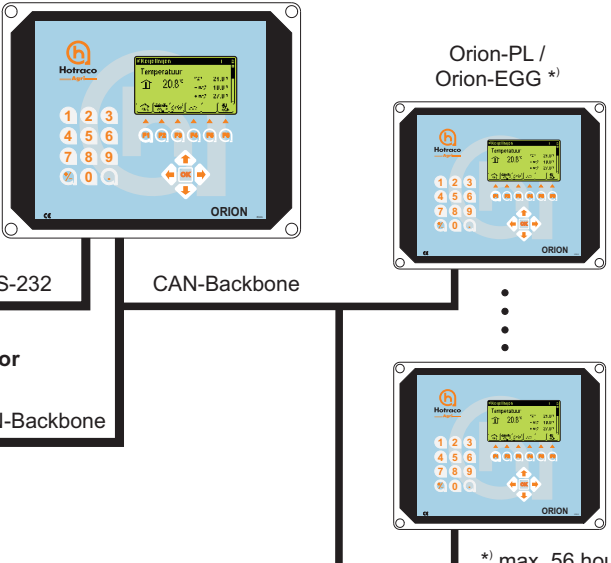
List of HOTRACO AGR I computers for Poultry houses

Communication	Type of computer	Controls
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">CAN-Backbone</p>	<p style="text-align: center;">ORION-PB</p> 	<p>Ventilation;</p> <ul style="list-style-type: none"> - proportionally (0-10V) and/or; - steps (max. 16) and/or; - natural (max. 3 flaps) and/or; - tunnel ventilation and/or; - mixing ventilation <p>4x Heating;</p> <ul style="list-style-type: none"> - ON/OFF and/or; - proportional <p>2x Cooling (ON/OFF)</p> <p>6x Air inlet (temp./neg. press./sync.)</p> <p>RH + humidification</p> <p>Feed registration</p> <p>Feed control</p> <p>Water registration</p> <p>Water control</p> <p>Lighting</p> <p>4x Timers</p> <p>Animal weighing</p> <p>Management</p> <p>Communication (RS-232/Backbone)</p>
	<p style="text-align: center;">ORION-PS</p> 	<p>Same as Orion-PB plus;</p> <p>Lighting system</p> <p>Outlet doors</p> <p>Nest control</p> <p>Manure drying</p> <p>Egg counting (per house)</p>
	<p style="text-align: center;">ORION-PL / PP</p> 	<p>Same as Orion-PS plus;</p> <p>Feeding per circuit (Orion-PL)</p> <p>Feeding with hoppers (Orion-PP);</p> <ul style="list-style-type: none"> - cocks / hens <p>Egg counting (on counter level)</p> <p>Management per group for;</p> <ul style="list-style-type: none"> - animals - feed - water - eggs
	<p style="text-align: center;">SmartLink</p> 	<p>Communication interface;</p> <ul style="list-style-type: none"> - CAN-Backbone to RS232/USB - Modem (optional)
	<p style="text-align: center;">Rainbow+</p> 	<p>Rainbow+</p> <ul style="list-style-type: none"> - Central control on PC - Min. / max. temperature - Alarm history - Data logging - Graphics

List of HOTRACO AGR I computers for Poultry houses

Communication	Type of computer	Controls
<p>Rainbow+</p> 	<p>SIRIUS-DWS</p>  <p>Animal weighing unit.1 e.g.: DWU-4</p> <p>Animal weighing unit.2 e.g.: DWU-4</p> <p>RS-232</p> <p>or</p> <p>CAN-Backbone</p> <p>CAN-COMM</p>	<p>Animal weighing; - max. 2 animal weighing scales - max. 2 weighing classes - uniformity + class width</p> <p>Feed registration + timer</p> <p>Water registration + timer</p> <p>Management</p> <p>Communication; - via RS-232 (stand-alone) or; - via CAN-Backbone (via CAN-COMM)</p>
<p>Rainbow+</p> 	<p>SIRIUS-SWS</p>  <p>Silo 1 e.g.: 3x SB1-K5M *)</p> <p>Silo 2 e.g.: 3x SB1-K5M *)</p> <p>RS-232</p> <p>or</p> <p>CAN-Backbone</p> <p>CAN-COMM</p> <p>JB-SWS</p> <p>JB-SWS</p> <p>*) max. 8 loadcells on one Sirius-SWS</p>	<p>Silo weighing; - max. 2 silos - display last feed delivery</p> <p>Feed registration</p> <p>Feed control</p> <p>Water registration</p> <p>Water control</p> <p>Management</p> <p>Communication; - via RS-232 (stand-alone) or; - via CAN-Backbone (via CAN-COMM)</p>
<p>Rainbow+</p> 	<p>ORION-FWS-(1,2,3,4,M,S)</p>  <p>Feed weigher e.g.: FWS-4N</p> <p>Mix weigher/ Silo weigher e.g.: 3x SB1-K7M5</p> <p>RS-232</p> <p>or</p> <p>CAN-Backbone</p> <p>CAN-IO-LCA</p> <p>JB-SWS</p>	<p>Feed registration; - via feed weigher (Orion-FWS-1..4) - via mixing weigher (Orion-FWS-M) - via silo weigher (Orion-FWS-S) - with feed mixing motor (Orion-FWS-M / S) - with feed mill (Orion-FWS-M) - max. 9 supply silos</p> <p>Feed control; - max. 4 houses (Orion-FWS-4) - max. 8 houses (Orion-FWS-M)</p> <p>Water registration; - max. 4 houses (Orion-FWS-4) - max. 8 houses (Orion-FWS-M)</p> <p>Water control; - max. 4 houses (Orion-FWS-4) - max. 8 houses (Orion-FWS-M)</p> <p>Management</p> <p>Communication; - via RS-232 (stand-alone) or; - via CAN-Backbone (via CAN-COMM)</p>

List of HOTRACO AGR I computers for Poultry houses

Communication	Type of computer	Regelmogelijkheden
	<p>ORION-EGG ⁻¹₋₄₋₈ (with EMEC-12)</p> 	<p>Egg counting (on counter level);</p> <ul style="list-style-type: none"> - max. 10 rows / 12 tiers - for lift system (single/double) - for elevator system (single/double) - one or two counters per row - counters on long- or cross belt - max. 8 houses (Orion-EGG-8) <p>Egg optimization;</p> <ul style="list-style-type: none"> - max. 8 houses (Orion-EGG-8) <p>Lift control Management Communication;</p> <ul style="list-style-type: none"> - via RS-232 (stand-alone) or; - via CAN-Backbone (via CAN-COMM)
	<p>ORION-EGG ⁻¹₋₄₋₈ (with EMEC-20-75)</p> 	<p>Egg counting (on counter level);</p> <ul style="list-style-type: none"> - max. 10 rows / 12 tiers - for liftsystem (single/double) - for elevator system (single/double) - on or two counters per row - counters on long- or cross belt - one counter on cross belt (total counting) - max. 8 houses (Orion-EGG-8) <p>Egg optimization;</p> <ul style="list-style-type: none"> - max. 8 houses (Orion-EGG-8) <p>Lift control Management Communication;</p> <ul style="list-style-type: none"> - via RS-232 (stand-alone) or; - via CAN-Backbone (via CAN-COMM)
	<p>ORION-OPT</p>  <p style="text-align: right;">*) max. 56 houses on one ORION-OPT</p>	<p>Packer optimization;</p> <ul style="list-style-type: none"> - max. 4 cross belts - max. 10 egg types <p>Communication;</p> <ul style="list-style-type: none"> - via RS-232 (stand-alone) or; - via CAN-Backbone (via CAN-COMM)