

Winch Controllers and Dimmers

RS1002E



RS1002E (winch controller)

The RS1002E is designed to control valve- or winch motors. Depending on the control signal the RS1002E will direct the desired position of the motor.

- Simple manual-/ automatic control
- Control signal either voltage or current controlled
- Control valve-/ winch motor 230/400VAC or 24 VDC
- Integrated connection for end switches
- Feedback with Potentiometer

RMI60



RMI60 (Triac dimmer/ speed controller)

The RMI60 is an electronically controlled slave unit.

- For regulating 230V single phase load
- Master/ slave configuration up to 48 Amp.
- Manual-/ automatic control
- Extension module 0-10 VDC control
- Extension module "sunrise"/"sunset"

Climate computers

Sirius CL



Sirius CL

The Sirius CL is a climate computer for use in livestock buildings where ventilation is proportionally and/ or step controlled.

- Clear display
- Climate control proportionally and/ or step controlled
- Control of air inlet valves, heating, cooling and relative humidity
- Optional Can Bus communication with PC

Cygnus



Cygnus

The Cygnus is a climate control computer designed for pig houses.

- Userfriendly operation with touch buttons
- All functions clearly visualized with pictograms
- Control options for air inlet valves, heating, cooling and humidity
- Optional CAN network communication with a central PC

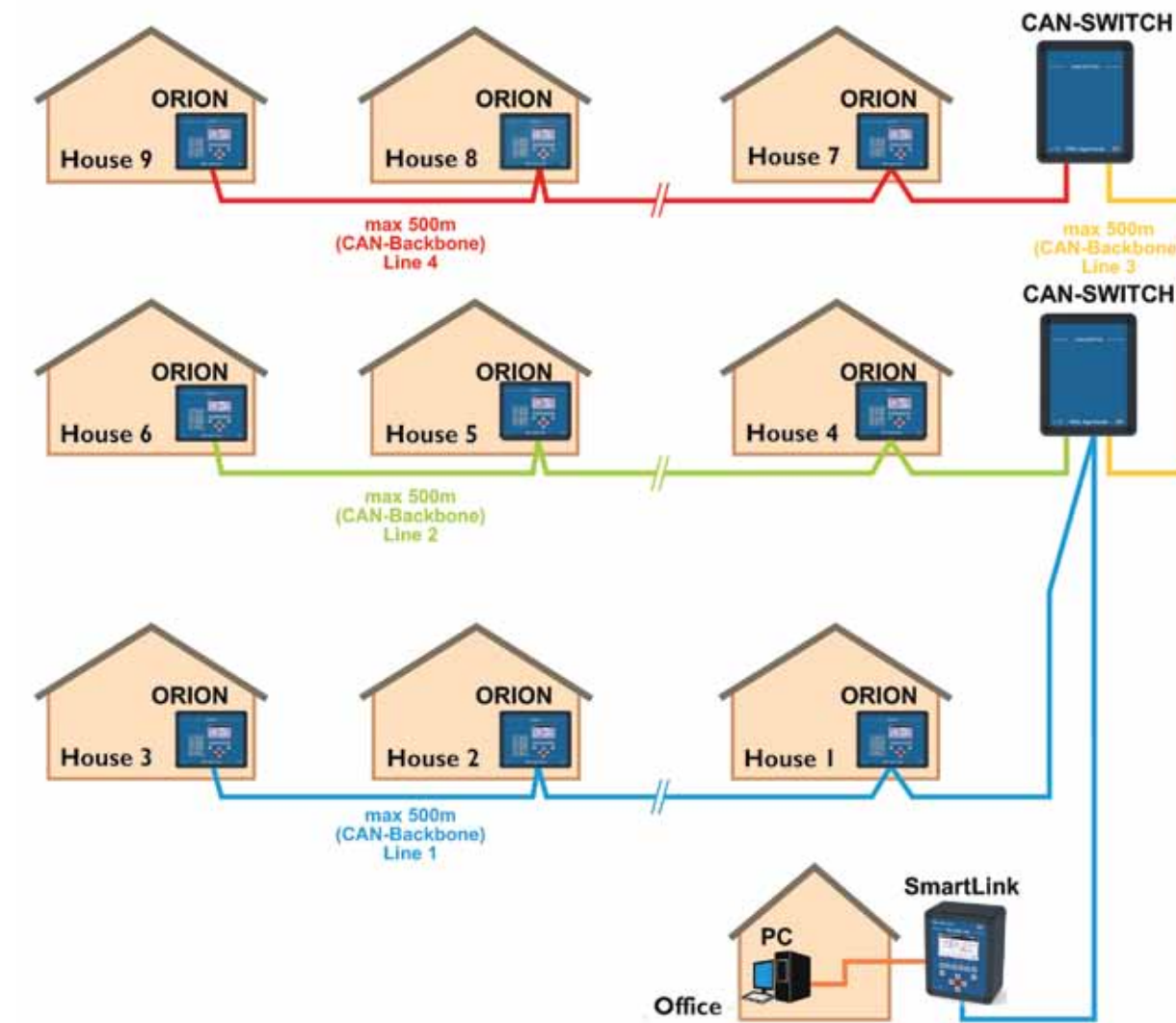
Communication

The CAN-communication between computers and/ or CAN-IO modules is limited to maximum 500 meter distance.

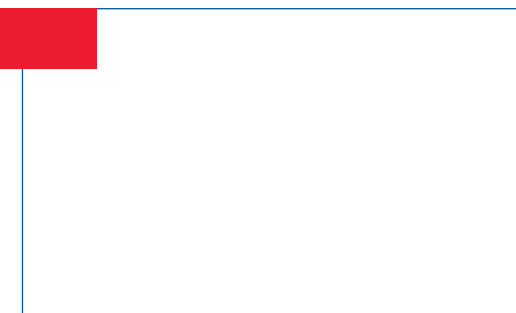
In case distance exceeds 500 meter, a CAN-SWITCH must be used.

CAN communication can be split.

Maximum 4 CAN-Busses can be connected to the CAN-SWITCH



Dealer



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V2010702



- VDL Agrotech offers a complete range of computer controllers
- High quality
- Reliable
- Userfriendly

VDL Agrotech



Alarm units

Observer 1

- Stand alone alarm unit
- One alarm input
- Maintenance free incorporated battery



Observer 1

Observer 5

- 5 Alarm inputs
- Input extensions with Observer-10/S
- Unique automatic control of the incorporated battery
- 3-phase monitoring



Observer 5

Observer 10

- Alarm slave unit with 10 alarm inputs



Observer 10

EAC 20

- Stand alone alarm unit
- Two inputs for temperature sensors
- One input for alarm contact
- Maintenance free incorporated battery
- 3-phase monitoring
- Temperature range 10 - 40° C.
- Including 2 temperature sensors



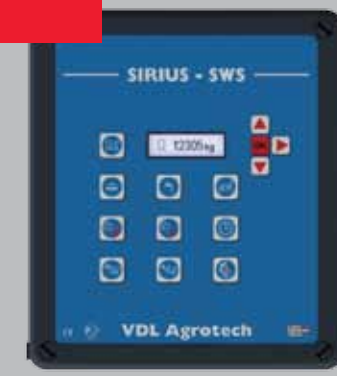
EAC 20





**Weighing and feeding controllers**

Sirius SWS



**Sirius SWS (Silo weighing controller)**

The Sirius SWS is a feed- and water dosage controller.

- Feed registration, weighing of silo with loadcells
- Registration of water consumption (pulse counting)
- Information display in clear overview
- Optional communication with PC

Unitron



**Unitron (Feed computer)**

The Unitron is a feed circuit controller, available with or without supply auger control.

- Manual start, or with maximum 4 programmed times per day
- Manual dispenser control or maximum 4 programmed times per day
- Automatic control medicine dosing unit
- Alarm monitoring (4 features) and external output

Mix-O-Matic



**Mix-O-Matic**

The Mix-O-Matic is a multiphase feeding system to deliver accurately weighed feed mixtures. The Mix-O-Matic computer controls the automatic transport of the feed portions to the feeder.

- Computer controlled outlets
- User-friendly operation
- Service and on location training available
- Remotely controllable via a central PC, smartphone or tablet
- Special PC software for management reports
- Central control panels for fast and safe mounting

**Management**

With the use of management software **Rainbow+** the computer can be remotely controlled from a **PC or Laptop**. The user-friendliness and graphical display characterise the system. All data can be collected and displayed in tables and graphs the user can compose.

With the **Remote+** software package the computer can be remotely controlled from a **smartphone or tablet**.

The communication between the computers is arranged via the **CAN-Protocol**. These can be connected to a communication interface, the **Smartlink**. De Smartlink can be connected to a **COM Port, USB Port or ethernet Port** of a PC.

It is also possible to connect the **Smartlink** directly to the **Internet**, enabling communication with the **Smart-link server**.



**Orion**

The Orion is a poultry management computer designed for climate control in poultry houses.

- User-friendly control
- Graphical display (Iconized menu)
- Extended control for ventilation, lighting, feed and water
- Extensive poultry management features
- Central control based on temperature, ventilation positions or underpressure
- Curve settings freely programmable
- Registration feed and water consumption
- Registration bird weight for bird weighing system
- Optional Can Bus communication with PC
- Input for loadcell (only Orion PP model)

**Control panels**

VDL Agrotech designs and delivers control panels which are the key link between the controllers and the equipment installed in the building. High quality components are used and the design is always in accordance with the applicable safety standards. The long experience designing turnkey projects ensures the design meets the practical requirements. Controllers can be installed in the control panel to facilitate on site installation.



**Fortica**

With the **Fortica** touchscreen poultry computer VDL Agrotech offers you total process control of climate, feeding, drinking, egg flow and bird weighing.

**Fortica**

- Intuitive touchscreen control
- With clear symbols a 3D overview of the house can be composed
- Accessible via web
- Apps for Android iOS available
- Can be set in almost any language

