

FARMCONNECT (optional)

The FarmConnect farm software collects all current and historical data of all control computers on your farm, combines this data, and then presents it in clear overviews, graphs and tables. FarmConnect gives you access to your farm data. Wherever you are, you are always connected to your farm so that you can intervene immediately if necessary.



BRAVO TOUCH

CLIMATE CONTROL



Touch technology

- User friendly operation with our new capacitive clear touch screen
- Easy icon driven menu and functions
- Simple navigation
- Available in different fan output variants 6A / 10A / 0-10V
- Easy to install

STIENEN AGRI AUTOMATION

Stienen Agri Automation is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.

Stienen
Mangaanstraat 9 - 6031 RT Nederweert
T +31 (0)495 - 63 29 26
E sales@stienen.com
www.stienen.com



BravoTouch-L-EN25010



New Bravo Touch

The new generation BRAVO TOUCH, equipped with a touch screen, can be perfectly applied to all types of ventilation and heating or cooling purposes in today's livestock industry.

BRAVO TOUCH combines climate control with ease and simplicity.



CAPABILITIES



Ventilation

The BRAVO TOUCH offers the flexibility to work with different types of ventilation designs. It supports 0-10V or integrated TRIAC control for ventilation equipment with or without dampers and air inlet control.



Heating/Cooling

Set heating and/or cooling equipments such as gas heaters, cooling pads, floor heating/cooling systems or air conditioning equipment, not just before or after the fans run at minimum or maximum capacity, but whenever you please. Optimize settings over time for maximum production results at minimum energy costs!

SENSOR INPUTS



Temperature

Add temperature sensors in and around the house and the BRAVO TOUCH will continuously adjust control outputs to maintain steady temperature levels within free to set boundaries.



Carbon Dioxide

Highly recommended when using any type of gas heaters! The BRAVO TOUCH will automatically use the ventilation equipment available to get rid of this dangerous substance as soon as levels start rising above safety standards.



Relative Humidity

Connect humidity sensors to the BRAVO TOUCH so you can monitor and control in-house humidity. The BRAVO TOUCH will automatically adjust ventilation and/or heating equipment to prevent inhouse moisture levels from rising above acceptable standards.



Measuring Fans

Install a measuring fan to accurately measure and control the live ventilation rates instead of blindly controlling according calculated values. These don't take into account any changing influences on the ventilation system in- and outside the building, or the fans' performance throughout its lifetime. With a measuring fan, the BRAVO TOUCH will continuously adjust ventilation rates according to the exact m3/h needed. Save energy by ventilating exactly as much as is needed.



Ammonia

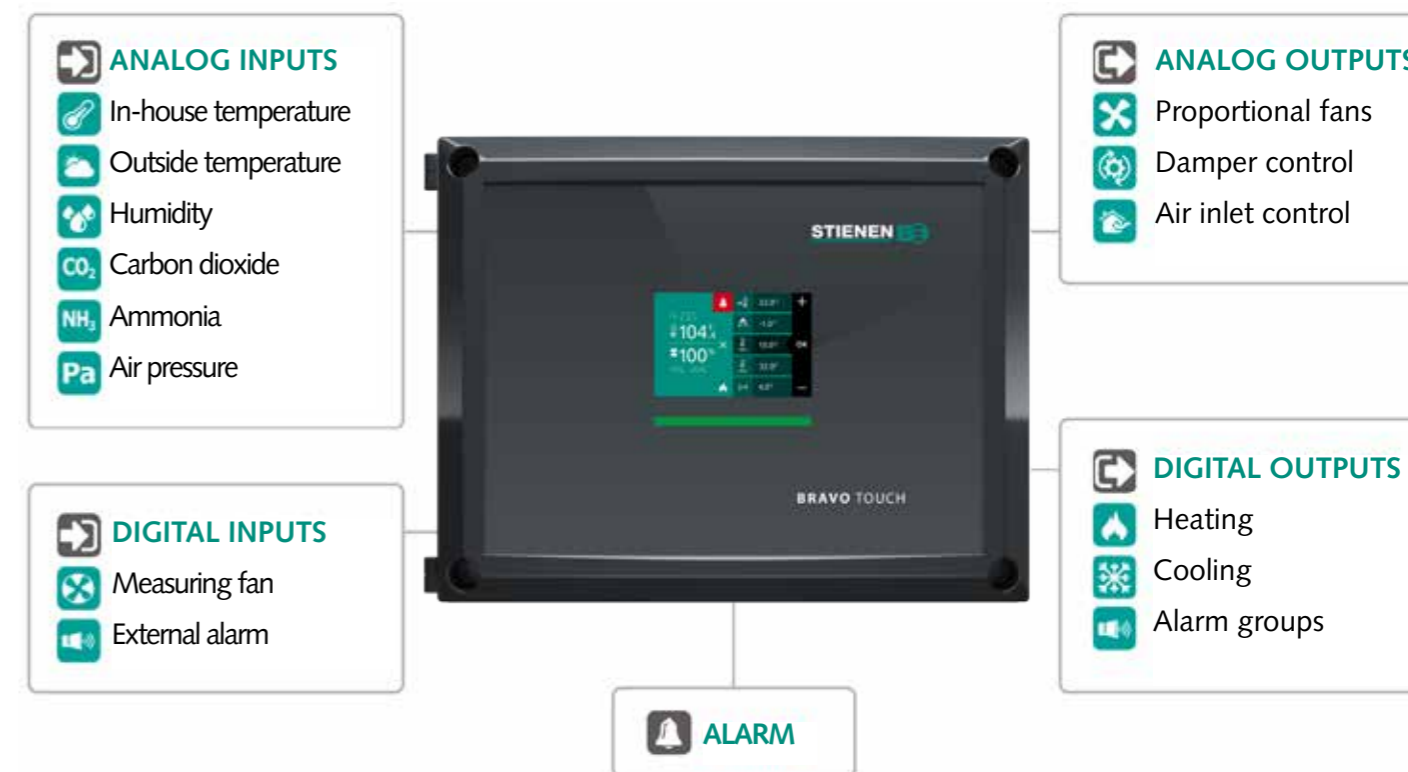
Adding an ammonia sensor helps the user to monitor the air quality inside the house. With ammonia control active, the BRAVO TOUCH automatically adjusts ventilation to ensure a healthy and non-toxic environment



Air Pressure

Adding an air pressure sensor will allow the BRAVO TOUCH to calculate the optimal air flow and ventilation rates at the animal level.

SPECIFICATIONS BRAVO TOUCH



	BRAVO TOUCH-6	BRAVO TOUCH-10	BRAVO TOUCH-K	BRAVO TOUCH-SL
Analog Inputs	3	3	3	3
Analog outputs (0-10V)	2	2	2	3
Digital Inputs	2	2	2	2
Digital outputs (relay)	2	2	2	2
Alarm Relay	1	1	1	1
TRIAC output	6 amp. fan control	10 amp. fan control	5 amp. fan control	None
Powersupply (in)	110Vac - 240Vac 50/60Hz			
Housing	24Vdc / 12Vdc			
Operating temperature	0°C - 45°C			