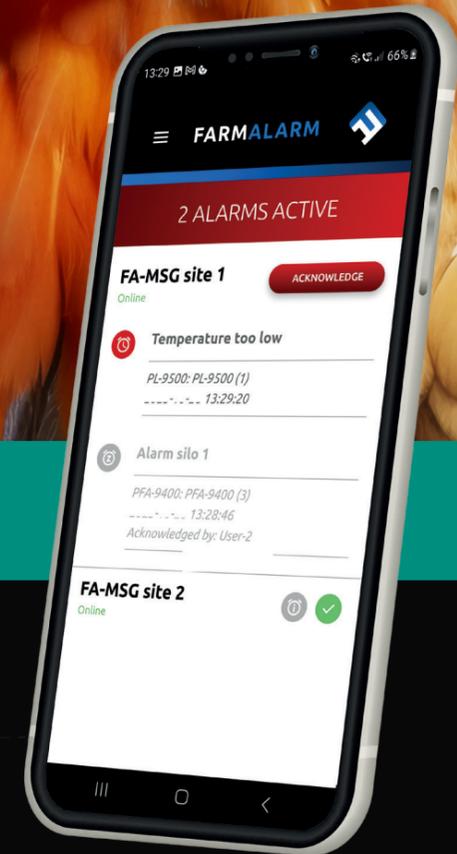## What's in the box?

- **FARM**ALARM device
- Outdoor antenna including a 3-metre antenna cable
- Battery pack
- Instructions for use
- CSR application form
- Fail-safe module

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 toour 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.

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FARMALARM

LET US GUARD YOU

Maximum safety and security

- Detailed alarm information on your phone instantly
- 10 alarm inputs with optional cable protection
- Comprehensive alarm logging
- Combines into a total communication system with all Stienen equipment
- FARMALARM Smartphone app for Apple and Android
- Alarms can be managed in the app
- Integrated FARMCONNECT interface

FarmAlarm-L-EN25010

Maximum security

FARMALARM, Stienen's new alarm system, comprises at least two parallel connections to instantly alert livestock farmers, and uses a monitored connection to generate an alarm if there is no alarm connection. **FARM**ALARM works independently of the mains voltage; if the mains power is down, an integrated back-up power supply ensures continued system operation. **FARM**ALARM has ten monitored inputs that are also suitable for external equipment.

Components

FARMALARM consists of the following components:

FA-MSG	The alarm device
FA-FSM	Fail-safe module
FA-APP	The smartphone spp
FA-PAC	Connection with a Central station receiver / CSR (optional)

Alarms

Alarms with **FARM**ALARM can be set up in several ways. For all ways, the complete handling of an alarm is recorded on the **FARM**ALARM. device.

Direct alarm notification: A controller generates the alarm notification and relays it to **FARM**ALARM. This notifies the end user of the alarm by telephone and via the app.

Via the private CSR: A private CSR receives alarms from several different alarm systems such as burglar or fire alarm systems. The CSR receives the incident notification, relays it to the users and records the notifications. A hybrid solution in which the end user receives the alarm notification first and the CSR acts as the monitoring, is among the among the possibilities. **Check the possibilities of a CSR in your country/region.**

Local alarm notification If an alarm is received on **FARM**ALARM, this triggers a localsignal , i.e. a strobe light and/or siren.

Smartphone app

An alarm that arises is immediately sent to the **FARM**ALARM cloud. Through the app, comprehensive alarm information is available and alarms can be managed instantly! The **FARM**ALARM smartphone app can be downloaded from the Apple or Google Play store.

SPECIFICATIONS FARMALARM

SYSTEM CHARACTERISTICS

Connections for calling and management	Cellular modem; voice via 2G/4G, data via 4G
Communication connections	LAN, RS-485 for Stienen devices, module bus for external expansions
Number of alarm inputs	10 line-monitored inputs for external alarms Alarm inputs can be extended by additional I/O modules
Outputs	2 x 12Vdc / 500 mA for strobe lamp and siren
Power supply	230 Vac 50/60Hz
Power rating	21 VA
Alarm relay	24 Vdc/2 A
Integrated backup power supply	Battery backup for at least 0.5 hours with lifetime monitoring
Operation and setting	CPU with colour display
Languages	Dutch, English

HOUSING AND USE

Dimensions	305x232x155mm (h×w×d)
Housing	ABS
IP rating	IP 54
Ambient temperature	-5°C tot +40°C
Operating temperature	The FA-MSG is only suitable for installation in dry, non-corrosive and non-condensing areas. Do not expose the FA-MSG to direct sunlight, heat or humidity.

ALARMS

Types of alarm notification	- Direct alarm notification - Via a private Central station receiver (CSR) - Local alarm notification
Alarm functions	- Relaying an alarm from end-user controllers - Alarm notification and information is received via the RS-485 connection, the local communications bus, and transmitted via the **FARM**ALARM smartphone app - Notifications can be relayed via a private Central station receiver (CSR) and/or a direct phone call - Paging support - **FARM**ALARM smartphone app for Apple and Android - Integrated FARMCONNECT web interface via Ethernet

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.