



# System 1500

**Classic design – proven technology!**

The Smokecloak System 1500 provides an economical Instant Protection solution. The System 1500 is a powerful and versatile product that can be used in many applications including offices and shops.



specification sheet

# System 1500





## Design & construction

The Smokecloak System 1500 is designed and manufactured in the United Kingdom according to Martin Security Smoke's advanced quality control system which complies with the stringent BS EN ISO 9001:2000 standard.

As with all Smokecloak products, safety and reliability are paramount in every aspect of the design and construction of the System 1500. Resistance to attack has been incorporated from the design stage, featuring tamper protected robust metalwork with no visible external slots. Standard battery back up protection on all models and Cloaksensor verification provide an unmatched level of security.

The state-of-the-art electronics, which incorporate microprocessor control, provide a broad range of error checking and reporting facilities.

A further safety feature is the provision of a fire alarm input circuit to prevent the unwanted activation of the Smokecloak after a real fire has been detected but before the burglar alarm has activated.

## Installation

The Smokecloak System 1500 is a highly advanced and dedicated security product that has been developed with the goal of creating Instant Protection in case of an intrusion.

For easy use, all Smokecloak products are fully compatible with, and can be integrated into, any modern detection and alarm system.

The Smokecloak System 1500 features built-in brackets and plug-in connections for ease of installation.

The unique and patented Cloaksensor can be easily positioned with the built-in confirmation system.



The Smokecloak also support verification movement detectors to help eliminate unwanted activations from false alarms.

Depending on the need, a Smokecloak Instant Protection solution can consist of one or more Smokecloak units.

## Quality assurance

All production processes are stringently monitored with all products going through a 100% quality check before final despatch.

Smokecloak products are fully compliant with the British Standard for Security Smoke Equipment BS7939; Smokecloak is a preferred product of the UK police force under the Secured by Design scheme and is registered with the Danish insurance association under Forskrift 212, Intruder Alarm Systems.

The Smokecloak product range has been extensively tested around the world; details of which can be provided if required.

## Warning signs

Noticeable and easily understood self-adhesive warning signs are provided with the products. The signs must be displayed at the normal entry points to the building.

## Product features

- built-in battery back-up
- patented automatic visibility level control
- heavy duty sabotage resistant case
- audible tone status signal
- internal system status LED indicators
- built-in self diagnostics facility
- fully electronic fluid measurement system
- extremely dense smoke output with long hang time
- harmless dry vapour with no negative side effects
- non pressurised heating based system

## Installation

- integrated mounting bracket for easy wall mounting
- horizontal or vertical mounting option
- seamless integration with existing alarm systems

## Inputs

- pump/system enable set/un-set
- make smoke
- Cloaksensor
- verification movement detector
- system inhibit on fire alarm activation

## Expansion

- serial display expansion
- remote communication module
- external power input port

## Outputs

- faulty/no batteries
- no mains electricity
- incorrect temperature
- no fluid
- low fluid
- system activated
- tamper circuit
- auxiliary output

## Specification

## System 1500

<b>Dimension:</b>	<b>396 x 475 x 202mm</b>
<b>Weight:</b>	<b>18.1 kg</b>
<b>Colour:</b>	<b>Beige</b>
<b>Fluid:</b>	<b>1 x 1 litre bottle</b>
<b>Electrical:</b>	<b>210v - 240v - nominal</b>
<b>Reaction time:</b>	<b>0.1 sec.</b>
<b>Smoke output (capacity):</b>	<b>125m<sup>3</sup> in 30 seconds 250m<sup>3</sup> in 60 seconds</b>
<b>Backstop timer:</b>	<b>Adjustable 1-25 min. in 2 ranges</b>
<b>Power consumption at 240 V:</b>	<b>1.5 KVA, Quiescent 96W</b>

Supplier



Martin Security Smoke