The Sentinel Range

Pioneering technology

Incredible performance

Enviable power

Unmatched versatility

Always Watching

The Smoke Screen Sentinel range is designed and manufactured as a permanent security solution that can be integrated into an existing intruder alarm or installed as a stand-alone system. The Sentinel range is made up from the most advanced security smoke generators in the world.

Compact and easy to install, the Sentinel can be mounted in almost any configuration, including ceilings, walls and floors. Its compact size means it can be easily concealed, making it ideal for high-profile businesses whose clients are frequently on site.

Specification	S35	S55	S70	S100
First burst length	Normal - 360 seconds Turbo - 50 seconds	Normal - 360 seconds Turbo - 90 seconds	Normal - 82 seconds Turbo- 56 seconds	Normal - 360 seconds Turbo - 135 seconds
Fog generation settings	5 seconds to 6 minutes	5 seconds to 6 minutes	5 seconds to 6 minutes	5 seconds to 6 minutes
Performance by volume*	400m³ per minute	650m³ per minute	800m³ per minute	1400m³ per minute
Application	Small office / shop / home / ATM	Mid-sized office / shop / ATM	Mid-sized shop / ATM	Large retail / warehouse
Fluid container	500ml	up to 5 litre	up to 5 litre	up to 5 litre
Fluid measurement	Microprocessor	Low and empty sensor / Microprocessor	Low and empty sensor / Microprocessor	Low and empty sensor / Microprocessor
Number of 60 second activations for a standard fitted fluid volume	up to 4	up to 5	up to 6	up to 6
Retrigger mode	Yes	Yes	Yes	Yes
Mains connection	110 / 230V	110 / 230V	110 / 230V	110 / 230V
Heater power	1.5kW (single)	1.6kW (single)	2 x 0.8kW (twin)	2 x 0.8kW (twin)
Standby consumption in normal mode (average)	60W	65W	70W	100W
Standby consumption in energy saving mode (average)	50W	55W	60W	80W
Heating time from cold	6 minutes	10 minutes	14 minutes	20 minutes
Maximum Re-heating time after first activation	100 seconds	125 seconds	57 seconds	2 minutes 35 seconds
Operating temperature min/max	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C
Inputs	4	4	4	4
Outputs	7	7	7	7
Programming	LCD programming interface	LCD programming interface	LCD programming interface	LCD Programming interface
Off mains facility	Yes	Yes	Yes	Yes
Off mains fault monitoring	Yes	Yes	Yes	Yes
Off mains capability	30 minutes	60 minutes	70 minutes	90 minutes
Indications	Visual, audible, analogue and digital	Visual, audible, analogue and digital	Visual, audible, analogue and digital	Visual, audible, analogue and digital
External status indicator	Yes	Yes	Yes	Yes
On board data log	Yes - 1,000 events	Yes - 1,000 events	Yes - 1,000 events	Yes - 1,000 events
Dimensions	34(h) x 14(d) x 23(w) cm	36.8(h) x 13.8(d) x 23.1(w) cm	47(h) x 13(d) x 31(w) cm	47(h) x 13(d) x 31(w) cm
Install weight (pre-install / total)	10kg / 11kg	12kg / 14.5kg	14kg / 19kg	20kg / 23kg
Interchangeable nozzles / anti-raid	Yes	Yes	Yes	Yes
EN Certified	Yes	Yes	Yes	Yes

*based on continuous run time.

CAN'T SEE IT?
CAN'T STEAL IT!

CONCEPT
s m o k e   s c r e e n

For more information and to request a quote / demo, please contact us: