

SMOKE SCREEN

WORLD CLASS SECURITY FOG.



*We help protect people, products
and places from intruders.*

**CAN'T SEE IT,
CAN'T STEAL IT!**

OUR MISSION

Safety and security are a fundamental right, and we will endeavour to try to protect people, products and places from **loss, damage, or harm.**



Matt Gilmartin

*'We believe we provide the
BEST in the security fog
market.'*

*We believe that we make a
difference by helping keep
people, products and places
safe, and we want to thank
you for helping us succeed.'*

OUR COMPANY

Smoke Screen is a trailblazer in the security industry, committed to stopping loss, defending lives, and challenging conventional security norms with innovative, high-impact solutions.

Our expertise and cutting-edge technology empower us to deliver unparalleled protection, ensuring peace of mind for our clients.

OUR SERVICES



MANUFACTURING

Smoke Screen manufacture world class security fog generators for a wide range of applications. We supply equipment to protect people, products and places.



TRAINING

We have both passive and active online training opportunities to ensure that our partner companies and their engineers are confident and skilled at designing, installing and maintaining world class security fog systems.



SUPPORT

We have technical support operatives who are experts in security fog machines. We can be reached via phone or email, and are here to help our partners deliver excellent systems.

SEND THIEVES RUNNING.

SMOKE SCREEN



About Security Fog

Security fog is a defensive mechanism that rapidly deploys a thick, disorienting mist to obscure vision and hinder intruders, creating an immediate barrier that deters theft and vandalism.

This **fog is harmless, leaving no residue or odour**, ensuring the protection of your property without causing any lasting effects on the environment or your assets.

How is the fog made?

Smoke Screen fog generators are fitted with a fluid cartridge or fluid bladder and when the machine is triggered the fluid is pumped quickly through **a heated block which superheats the fluid, turning it into a gas.**

As the gas exits the fog generator it mixes with air and expands, creating a dense, white fog.



RESIDUE FREE

Our advanced fog ensures spaces remain clean & unaffected while providing maximum protection.



FOOD SAFE

Our security fog is food safe, ensuring it can be used in environments where hygiene is paramount.



NOT FLAMMABLE

Our fog is completely non-flammable, providing safe & reliable protection without any fire risk.



ODOUR FREE

Our fog is odour-free, maintaining a pleasant environment while ensuring maximum protection.



LASTS 20/30 MINUTES

Our security fog lasts between 20/30 minutes in an unventilated space, providing extended protection against intruders.

Industries / Areas We Serve

- | | | | | |
|--------------|-------------|-------------------|---------------|-------------|
| ✓ RETAIL | ✓ WAREHOUSE | ✓ CASH IN TRANSIT | ✓ OFFICE | ✓ TRANSPORT |
| ✓ BANK / ATM | ✓ FUEL | ✓ DOMESTIC / HOME | ✓ SERVER / IT | ✓ DEFENCE |
| ✓ JEWELLERS | ✓ MINING | ✓ MANUFACTURING | ✓ DROP SAFES | ✓ POLICE |

FOG MACHINES

SMOKE SCREEN

Here's an introduction to our security fog generator range. These machines can protect environments ranging from the smallest of offices to huge warehouses and storage facilities.

SC20

**20M2 IN
15-20 SECS**

APPLICATIONS:
CASH OFFICES,
DROP SAFES, KIOSKS,
CONTAINERS, &
BOARDROOMS.



TINY, BUT MIGHTY!

THE STRATEGIC MONSTER

It's the ideal choice for those who demand top-tier security without breaking the bank. Economical, yet fiercely effective. The ultra-lightweight SC20, weighing under 10kg when installed, is a titan in a compact frame.

The Sentinel SC20 is available without batteries to reduce the cost and therefore offers economical security in addition to physical security.

S35

**30-50M2 IN
15-20 SECS**

APPLICATIONS:
JEWELLERS, CASH
OFFICES, SMALL
RETAIL STORES, &
HOMES.



LIKE A WOLF IN SHEEP'S CLOTHING!

DEAD VERSATILE.

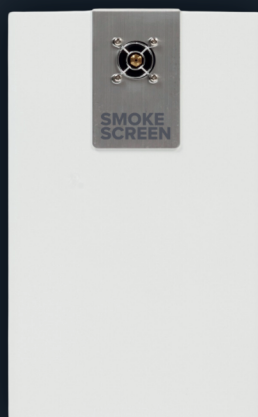
This isn't just a small fog unit; it's a tactical masterstroke in security. Imagine it as a wolf—devastatingly effective when it hunts in packs. Combine these small units, and you've set an ungodly ambush that'll leave intruders stumbling and cursing. Ideal for a multitude of spaces—homes, server rooms, offices, and shops—this pint-sized powerhouse comes at an irresistible price point.

Forget the hassle; we've streamlined this beast so you can arm it quicker than you can utter 'secure this.'

S55

**50-70M2 IN
15-20 SECS**

APPLICATIONS:
JEWELLERS, MEDIUM
RETAIL STORES,
GARAGES,
& BANKS/ATMS.



ZERO WORRIES, SIMPLE.

PROTECTS IN 10 MINUTES.

The Sentinel S55 reaches full operational readiness in just 10 minutes, standing by with its internal battery charged and primed. No bullsh*t waiting, just a solid wall of imminent protection.

But the S55 isn't just quick to the draw; it's a stalwart shield. Should the power fail, this relentless unit holds its ground, staying powered and ready for a staggering 40 minutes. Perfect for those who can't afford any weak links, the S55 is vigilant security, ready at a moment's notice.

FOG MACHINES

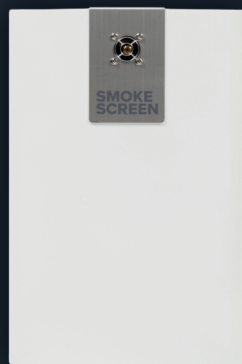
SMOKE SCREEN

Here's an introduction to our most powerful security fog generators.
These machines can protect large environments..

S70

**70-100M2 IN
15-20 SECS**

APPLICATIONS:
WAREHOUSES,
MEDIUM RETAIL
SPACES, &
SHOWROOMS.



FOUR STRIKES, GAME OVER.

NO BLOODY JOKE.

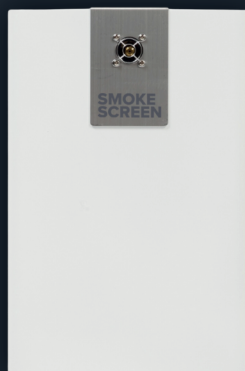
This powerhouse doesn't just fire once; it delivers a quartet of fog barrages on a single bottle of fluid. That's four separate occasions to stop intruders dead in their tracks and send them retreating into the night. Each burst serves as a deafening "no entry" sign for would-be intruders, compelling them to abandon all hope and p*ss off.

Experience the Sentinel S70 and discover what it means to have security that doesn't just respond—it dominates.

S100

**100-150M2 IN
15-20 SECS**

APPLICATIONS:
LARGE WAREHOUSES,
LARGE RETAIL SPACES,
& SHOWROOMS.



70 SECOND TURBO

WHERE POWER MEETS UNPARALLELED ENDURANCE.

Engineered with a cutting-edge ability, this behemoth rewrites the playbook on fog security. Forget everything you thought you knew about fog durations—because for a staggering 70 seconds, the S100 unleashes an overwhelming torrent of fog, transforming your space into an impenetrable fortress.

This is not just an upgrade; this is a game-changer. With the Sentinel S100, you don't just get security, you get supercharged security that lasts longer than any intruder's courage.

S150

**150-200M2 IN
15-20 SECS**

APPLICATIONS:
PROTECTS
ANYWHERE!



FLOODY POWERFUL.

HERE'S WHY THE S150 OWNS THE GAME.

This unparalleled fog generator is engineered to redefine the very essence of protection. With its innovative dual-jet system, this titan of safety leaves conventional single-jet units in the dust. Intruders find themselves enveloped in a shroud of disorientation, their plans foiled and their actions thwarted.

It's not merely about security; it's about an unequivocal show of force in the face of adversity. Built for those high-risk environments where compromise is not in the dictionary, the S150 stands alone as the gold standard of fog security solutions.

UPGRADES

SMOKE SCREEN

HERE ARE A SELECTION OF PRODUCTS WHICH COMPLIMENT
SMOKE SCREEN SECURITY FOG INSTALLATIONS.



XENON FLASH STROBE

The pulsating, brilliant light synergises with the enveloping fog to disorient trespassers, effectively halting them in their tracks. This additional layer of defence elevates the likelihood of capturing or repelling intruders, casting an unyielding glare on any unauthorised activity.

S3B SOUNDER

Designed for buildings seeking a sophisticated edge in protection, this sounder is a strategic enhancement. As our fog generators enshroud your valuables in a dense mist, the Sounder layers in an acoustic barrier, orchestrating a symphony of deterrence. **The Sounder has a performance of 127dB at 1 metre.**



SSI (Smoke Screen Interface)

Designed for seamless integration, the SSI offers unparalleled local control over your fog generator, ensuring your security system operates at peak efficiency. The SSI is equipped with four intuitive lights: **Ready, Low Fluid, Isolate & Power.** With the SSI, experience a new level of security management, making your fog generator even more effective in safeguarding your premises.

SECURITY FOG FLUID

This unique fluid ensures your fog system operates smoothly and effectively, providing robust security for your premises.

Our fluid leaves no residue and has no odour, maintaining the integrity of your equipment and environment. The fluid is safety assured: Non-toxic and safe for use in all environments (even in food production environments), our fluid meets the highest safety standards.



NODE 4G ROUTER

Introducing the Node 4G, a versatile 4G router that enhances your Sentinel security fog generator with seamless cloud connectivity. Connecting via a SIM card, the Node 4G ensures robust, real-time integration with either your own monitoring platform or the Smoke Screen Sentience platform.

The Node 4G is fast, and reliable due to its dual antennas, which each work independently for greater connection probability.



POWER & DIRECTION

SMOKE SCREEN

THIS PAGE IS DEDICATED TO HOW WE POWER SECURITY FOG GENERATORS
AND HOW WE DIRECT THE FOG THAT IS PRODUCED

BATTERIES

Smoke Screen fog generators are powered in a number of different ways. Most of our machines are mains powered and work off a standard 220v/240v supply, but for increased security we rely on batteries to keep the machine running for longer in the event of mains failure.

All of our Sentinel fog generators come with two pre-installed batteries apart from the SC20 (but these can be added).

Batteries come in two sizes and ***you must use the correct one for your machine.***

Small Battery = SC20, S35, & S55

Large Battery = S70, S55, S100, & S150



NOZZLES

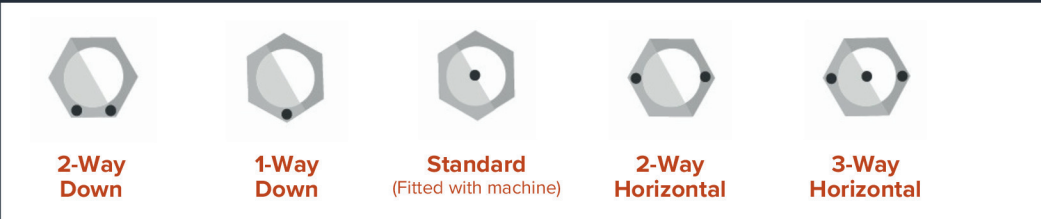
The nozzle, and the area surrounding it are crucial to how effective security fog is.

The fog exits the fog generator at high pressure and it is essential that it can draw in air from the surrounding environment to create a truly dense and effective fog. This is why there is space surrounding the nozzles and this area should never be packed, covered or sealed.



The pressure of the fog means that direction is also important. The fog will travel a large distance when exiting the generator and so it is essential that the direction of travel is considered.

We do this by utilising **different nozzle types** to channel the fog in a desired direction. The nozzles have different holes which let the fog exit in different directions. We can provide additional nozzles so that engineers can alter the direction of fog travel for optimal protection in any environment.



Each nozzle comes in two different sizes depending on the size of the machine it is going to be attached to.



SMOKE SCREEN

YOUR ONLINE COMMAND CENTRE



WHAT IS SENTIENCE?

Sentience is an advanced command centre for fog management, offering real-time updates and a seamless overview of your entire security network.

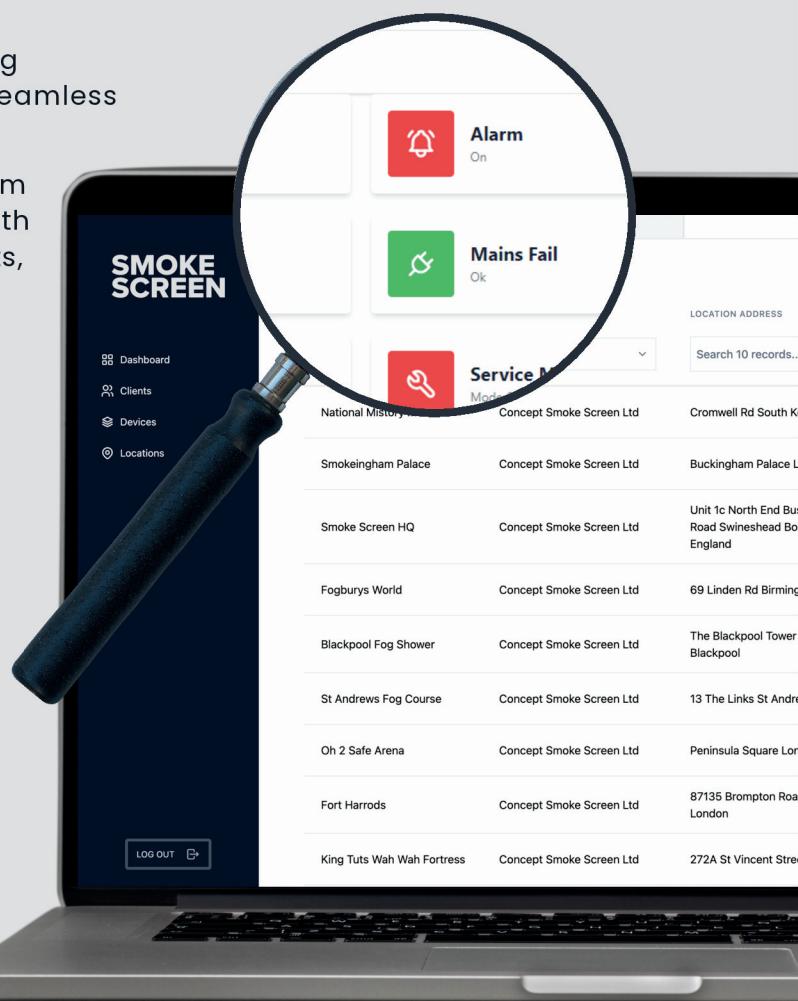
Sentience allows you to monitor fluid levels, system integrity, & alarm statuses with ease. Equipped with a simple traffic light system for quick assessments, ensuring every location under your watch is optimally protected.

With capabilities to control & test fog generators remotely, Sentience transforms security, keeping you steps ahead in safeguarding your assets.

HOW TO ENABLE SENTIENCE?

The Sentience platform can be accessed by upgrading a fog generator with an **IP Card** to allow it internet connectivity. The fog generator can then be connected via the site's own connection, or can be upgraded further with our **Node 4G Router** and a SIM card to achieve its own independent connection.

This is great for rural locations or where networks need to be segregated for security.



PORTABLE FOG

SMOKE SCREEN



SENTINEL  **GO**

NO POWER IS NO PROBLEM.

Forget compromise. Sentinel Go runs entirely on batteries, giving you ultimate freedom to secure sites where regular fog generators wouldn't dare venture.

What makes Sentinel Go truly unique in our range is its unrivalled firing time—delivering over 4 minutes of continuous fog. Unlike conventional systems, it uses an instantly heated coil instead of a metallic block, allowing for rapid activation and sustained performance. With Sentinel Go, you get the freedom of portability combined with the longest-lasting, most efficient fog generation we've ever engineered.

Whether you're guarding isolated locations, construction sites, or high-risk zones, Sentinel Go makes no excuses. It's a 24V system designed to go where no other fog generator can, arming you with powerful fog protection when you need it most—no wires, no limitations, no bullsh*t.

**30-50M2 IN
30-45 SECS**

APPLICATIONS:
OFF-GRID LOCATIONS

THE VANGUARD IN VEHICULAR SECURITY

Meet Defender, a paradigm shift in vehicle security. This 12V powerhouse transcends conventional alarms, emerging as a proactive guardian for your valuable tools and assets on the move.

Specially designed for vehicles, At the first sign of intrusion, it responds with a rapid fog deployment, creating an immediate and disorienting barrier, turning your vehicle into an unwelcome territory for intruders.

But this is no ordinary fog – it's a sophisticated blend that vanishes without a trace, leaving no smell or residue, ensuring the integrity of your vehicle's interior.



AN EXAMPLE OF HOW DEFENDER CAN BE FITTED

Defender is powered from the car battery and unlike our Sentinel security fog generators, Defender only heats up when activated. It is ambient under, 'normal' circumstances.

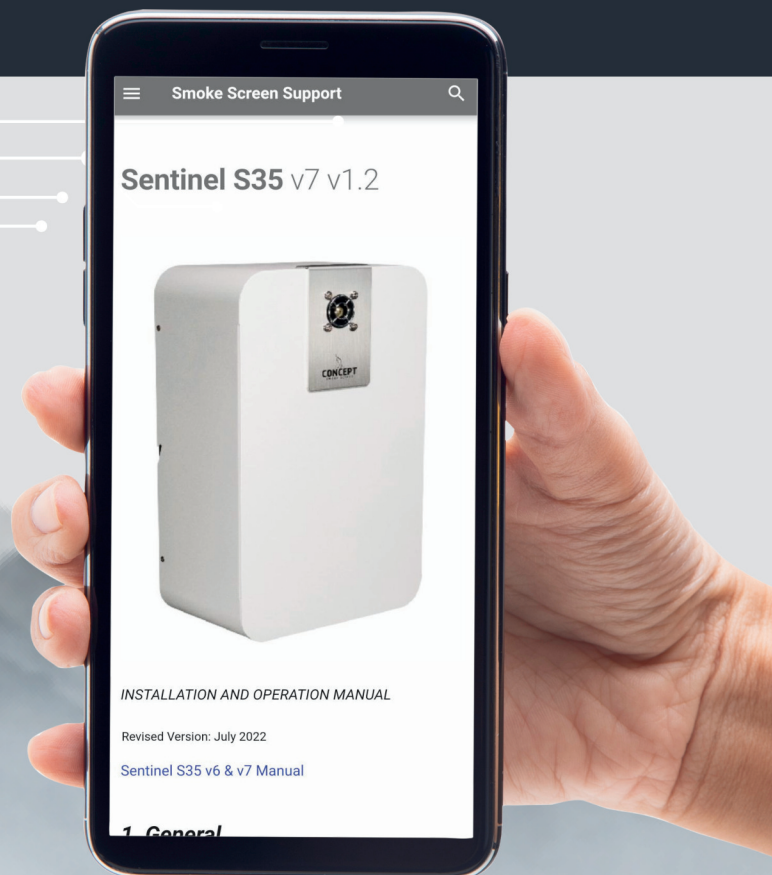
Defender connects to an existing vehicle alarm system and will be activated by the alarm in a number of methods (depending on the versatility of the alarm system).

TRAINING & SUPPORT

SMOKE SCREEN



We provide excellent training & support, and work hard to keep sites operational



We offer a robust support infrastructure, enabling installers to quickly find answers to their questions on our website, where they can also **download manuals & installation guides** for offline use.

Additionally, we provide **video tutorials** on maintenance procedures, serving as a valuable & easy-to-use reference for service engineers.

HIKVISION Camera,
PIR, Door Contact,
Sensor or Trigger



Wireless

HIKVISION
Hub



Wireless

HIKVISION
Wireless Relays
DS-PM1-01L-WE
**Hard-wired inside
fog generator*

Wireless

FOG GENERATOR



Smoke Screen is proud to be a HIKVISION Solution Partner, integrating effortlessly with their advanced AX PRO systems. This recognition means our fog generators can be paired seamlessly with one of the most respected names in the security industry, providing you with a combined force of visual and fog-based deterrence.

AJAX
〈READY〉

INTEGRATIONS

At Smoke Screen, we believe that security should adapt to you. Our Sentinel fog generators are designed to integrate effortlessly into virtually any alarm system, enhancing your protection without the need for complicated rewiring or modifications. Whether you have a commercial or domestic setup, our generators can easily complement your existing security infrastructure.

Smoke Screen is **AJAX READY**, having been accredited by AJAX for easy integration using their wireless relays. This capability allows our fog generators to function smoothly with the AJAX system, further extending the versatility of our technology to work with wireless security setups.

This flexibility ensures that, whether you're using cutting-edge technology or a more traditional alarm panel, our fog generators are a perfect match. With integration support for Hikvision and AJAX, you won't need to worry about compatibility. Our solutions are certified and ready to fit into these systems with minimal effort, providing enhanced protection with ease.

AJAX Camera, PIR,
Door Contact,
Sensor or Trigger



Wireless

AJAX Wireless
Hub



Hard-wired

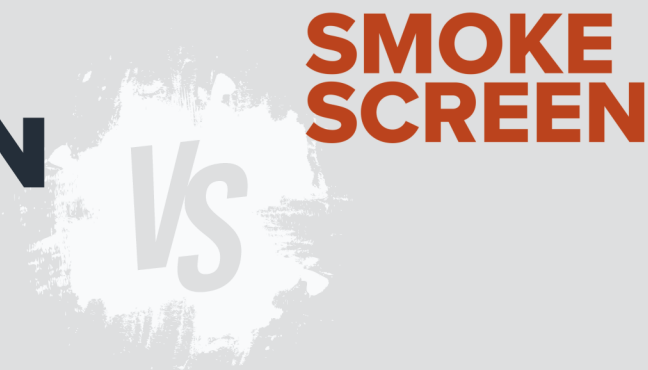
AJAX Wireless
Relay/s
(8EU) ASP

Wireless

FOG GENERATOR



QUICK COMPARISON GUIDE



PRODUCT	IMAGE	PRODUCT TYPE	OUTPUT	APPLICATIONS	KEY FEATURES
SC20		FOG GENERATOR	20m2 in 15-20 secs	Cash Offices, Drop Safe, Corridors, Small Stores, & Homes.	Lightweight
S35		FOG GENERATOR	30-50m2 in 15-20 secs	Jewellers, Small Retail Stores, & Homes.	Lightweight & Best Seller
S55		FOG GENERATOR	50-70m2 in 15-20 secs	Jewellers, Medium Retail Stores, Garages, & Banks/ATMs.	Ready Quickly, Great Mid-range Product.
S70		FOG GENERATOR	70-100m2 in 15-20 secs	Warehouses, Medium Retail Spaces & Showrooms	Can Fire 4 Times from One 1L fluid Bottle
S100		FOG GENERATOR	100-150m2 in 15-20 secs	Large Warehouses, Large Retail Spaces & Showrooms	Powerful
S150		FOG GENERATOR	150-200m2 in 15-20 secs	Protects Anywhere!	Most Powerful, & Twin-nozzle
DEFENDER		12V FOG GENERATOR	10m2 in 15-20 secs	Vehicles	Battery Powered
Smoke Screen Fog Fluid		Fog Generator Fluid	N/A	500ml Bladder = Sc20 & S35 1 Litre Bottle = S55, S70, S100 & S150	500ml Bladder or 1 Litre Options Available.
S3B Sounder		SOUNDER	127dB at 1 Metre	Advanced Safeguarding	Output & Frequencies
Xenon Flash		STROBE	750-1500W Output Power	Advanced Safeguarding	Output and Speed
SSI (Smoke Screen Interface)		Interface Unit	N/A	Advanced Safeguarding	For Isolation and Local Reporting
Battery		Battery	12V	Advanced Safeguarding	For Off-Mains Capability
Nozzles		Accessory	Directional	Advanced Safeguarding	Directional Control
IP Card		Network	Ethernet	Advanced Safeguarding	Enables Connectivity
NODE 4G		Network	4G SIM, Wi-Fi Speed 150Mbps (2.4GHz)	Advanced Safeguarding	Dual Antenna & Enables Isolated Connectivity