



Covert, Sophisticated, Shock-and-Awe Vehicle Defence



NIMBUS TYPE 155

The NIMBUS Virtual Armour is the latest in anti-terrorist weaponry. Covert, sophisticated, and easy-to-use, NIMBUS provides a non-lethal deterrent that secures the vehicle whilst minimising civilian casualties and collateral damage.

An array of desensitizing pyrotechnics, commanded from within the vehicle, serves to distract and disorientate the attacker, depriving them of any advantage.

Designed to defend against a wide range of attacks, NIMBUS provides additional protection to up-armoured vehicles, which are never truly "bulletproof", as well as soft-skin.

The system is suitable for a multitude of clients, from military personnel to riot police and VIPs, with its operational versatility making it successful in all vehicular environments.

NIMBUS is designed to save lives. It is an essential component in the defensive arsenal of all high-risk vehicles.

'DISTRACT, DISORIENTATE, DEPRIVE'

Simple and Intelligent:

- Minimised collateral damage.
- Continuous self-diagnosis.
- Elimination of accidental firing.



Universal and Versatile:

- Compatible with all vehicles.
- Deployable in all weather types.
- Successful at all speeds.

Covert:

- Complete in-car control.
- Customisable colour-scheme.
- Remote tracking.





Firing Unit



Pyrotechnic Devices



Tracking System Parts



Bracket Fitting



Tracker Street View

HARDWARE

- **The Firing Unit** is designed with a simple, striking layout. Full choice of which units to deploy is given to the operator, allowing flexibility in all situations. Once fired, remaining units are automatically armed, giving the operator rapid ability to respond to any progression in the conflict.
- **Smoke, Air, and Multisound (SAM) Pyrotechnics** combine extreme amplitude and luminosity with dense cloud to disorientate the attackers and obscure their vision. These units can be detonated in any configuration, from a single unit to the entire system, according to the operator's requirements.
- **A State-of-the-Art Tracking System** is integrated with NIMBUS as an optional addition. The system uses live tracking from the control software, SMS, and GMS to pinpoint the exact position of the vehicle worldwide. Upon activation of NIMBUS, the T1 tracker sends an immediate signal to base, informing them of the vehicles location, and that NIMBUS has been deployed.

SOFTWARE

- **Central Server** allows for tracking of multiple NIMBUS systems at once, with easy connection of the software to portable devices.
- **Third-Party Mapping Engines**, such as Google Earth, are supported.
- **Automatic Log Downloading** enables a quick turnaround from an incident occurring to being analysed.

SCENARIO – SHARK ATTACK

- | | |
|-----------------|---|
| Attack | - Road pursuit with the client being attacked by gunmen in the car behind. |
| | - Gunmen leaning out of windows and sunroof, spraying the client's vehicle with ammo. |
| Response | - Rear Air Burst Units deployed. Driver swerves and gunmen momentarily disengage. |
| | - Sound Units (both banks) deployed. Deafened gunmen flinch and disengage. |
| | - Smoke Units deployed. Sheer volume and density of smoke cause attack vehicle to disengage. |

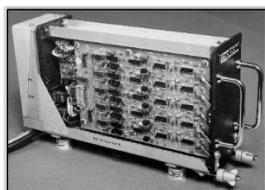
Other Scenarios Include:

- 1) **Ambush**
- 2) **Car Jacking**
- 3) **Road Side IED**
- 4) **Aggressive Crowd**

SPECIFICATION

FIRING UNIT	
Voltage	12V-36V
Current	2A [sequential firing]
SMOKE UNIT	
Time to Max. Output	4 secs
Toxicity	Ingestion Harmful
Gross Weight	134g [0.30lbs]
SOUND UNIT	
Time to Detonation	1-1.5 secs
Amplitude at 10m	150dB
Toxicity	Ingestion Harmful
Gross Weight	114g [0.25lbs]
AIRBURST UNIT	
Time to Detonation	0.5 secs
Toxicity	Ingestion Harmful
Gross Weight	168g [0.37lbs]
BRACKETS	
Attachment Method	<ul style="list-style-type: none"> <li style="margin-right: 20px;">• Spot Weld <li style="margin-right: 20px;">• Screw • Cable-Tie • Rivet • Glue • Magnet
GENERAL	
Installation Time	2-3 hours
Reload Time	Better than 5 mins
(NIMBUS is retrofit and can be transferred between vehicles)	

USED WITH



Hostile Fire Indicator Type 740



Internal Ballistic Blanket



Advanced Offensive Pyrotechnics

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