



**VENOM®**  
**V3037**

The VENOM® V3037 is a lightweight, high capacity 37MM non-lethal grenade launcher.

The V3037 is fully interchangeable for mounted use on vehicles, tripod mounts, and static installations.

Deployed remotely or on land and marine platforms, the V3037 delivers non-lethal flash and sound, smoke obscuration, irritant, and blunt trauma effects. These effects support escalation of force, early warning to determine intent, crowd dispersal and area denial objectives.



**VARIABLE RANGE PAYLOAD OPTIONS:**

**MULTI-7 SMOKE**

Seven Smoke Submunitions, Max Range to 160m at 30° Launch Elevation

**SUPER LONG RANGE (SLR) SMOKE**

Single Smoke Submunition, Max Range to 450m at 30° Launch Elevation

**MULTI-4 FLASH-BANG**

Four Aerial Flash-Bangs, Max Range to 100m at 30° Launch Elevation

# VENOM<sup>®</sup> PRODUCT SPECIFICATIONS

VENOM<sup>®</sup> Model 3037  
Non-Lethal Tube Launch Muniton System (NLMS)

## CAPABILITIES

- Hail and Warn
- Smoke Obscuration
- Crowd Dispersal/Area Denial
- Blunt Trauma Kinetic Energy
- Escalation of Force
- Area Denial
- Crowd Dispersal

## MOUNTING INTERFACES

- May be hard mounted to various surfaces, including vehicles, shields, weapons stations and tripods.

## FIRING PERFORMANCE

- Single Round, Automatic Firing

## DIMENSIONS

Height: 21.4”  
Width: 17.17”  
Depth: 22.1”  
Unloaded Weight: 42.5”  
Loaded Weight: 76 lbs.  
Internal Power: six 1.5 volt “AA” batteries  
Auxiliary Power Option: Option: 12–24 VDV (neg. ground)  
Operating Temp: -25°F to +175°F  
Shock Resistance: minimum of 10,000 shocks of 800g force & 100 shocks of 2000g force\*  
(\*not to exceed 1mS.)  
Humidity Range: 0 to 95%

## INPUT CONNECTIONS

- Controlled through hand controller
- IP Addressable

## FIRE CONTROL

- COTS Hand Controller – Semi or Full Automatic
- Customized Remote Interface

## SYSTEM SAFETY

- Master Arm Switch
- Ready Trigger
- Single Pole Double Throw Fire button
- Shielded Input Cable
- Shielded Electronics Assembly

\*Best practices shall be employed to reduce the Hazards of Electromagnetic Radiation and Electro-Static Discharge. Safe handling procedures consistent with those used for standard percussion primers should be followed.



\*The VENOM<sup>®</sup> V3037 is designed to be rapidly integrated onto a variety of platforms including remote weapon stations.

		Area/Impact Type Rounds	Operational Range	Operational Usage						
				Effects	Elevation Angle (degrees)					
					5	10	15	20	25	30
1	Multi 7 Smoke	7 Smoke pellets, each with burn time of approximately 30+/-10 seconds (ignite at muzzle)	Low muzzle velocity (very low Ballistic Coefficient) impact area dependent upon muzzle elevation	80-100m	105-125m	130-150m	135-155m	140-160m	<ul style="list-style-type: none"> <li>•Delivery of high payload (seven projectiles) of irritant (CS) or obscuration smoke over a wide area from the given distance</li> <li>•Delivery of smoke as a deterrent or warning capability to unknown approaching vehicles or persons</li> </ul>	
2	Super Long Range Smoke	Single spin stabilized smoke projectile with burn time of 20+/-5 seconds (begin emission 3 seconds from muzzle)	Medium muzzle velocity-impact area dependent upon muzzle elevation	150m	250m	320m	380m	425m	450m	<ul style="list-style-type: none"> <li>•Delivery of single projectile of irritant (CS) or obscuration smoke over a wide area from the given distance</li> <li>•Delivery of smoke as a deterrent or warning capability to unknown approaching vehicles or persons</li> </ul>

		Aerial burst/Time Type Delay Rounds	Operational Range	Operational Usage						
				Effects	Elevation Angle (degrees)					
					5	10	15	20	25	30
3	M4094 Multi 4 Flash Bang	4 flash bang submunitions, each with greater than 1 million candela and 165 dB overpressure	Low muzzle velocity-4 flash bang submunitions (time delays from 1 to 4 seconds) with very low Ballistic Coefficient. Muzzle elevation affects burst height to greater extent than range.	40-85m	40-90m	45-95m	45-100m	45-100m	<ul style="list-style-type: none"> <li>•Delivery of four flashbang submunitions in a vertical pattern perpendicular to the ground with the highest/uppermost munition deflagrating first and the lowest munition deflagrating last</li> <li>•Use in crowd control, vehicle, vessel and check point escalation of force scenarios as the pre-lethal option</li> </ul>	



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**VENOM<sup>®</sup>**  
**LAUNCHING SYSTEM**