



SMASH 2000L

Fire Control System for Small Arms

 **SMARTSHOOTER**
PRECISE TECHNOLOGICAL SOLUTIONS

DEFSYS
INTEGRATED SYSTEMS





SMASH 2000L Fire Control System for Small Arms

SMASH is a combat-proven family of Fire Control Systems which are designed, developed and manufactured by SMARTSHOOTER to ensure each round finds its target, in both day and night conditions, as well as keeping friendly forces safe.

The SMASH 2000L is the latest and most advanced fire control system by SMARTSHOOTER. All operational and technical insights from previous versions were incorporated into the system, making it even more effective while enabling significant weight and size reduction.

Our proprietary target acquisition and tracking algorithms are integrated with sophisticated image-processing software into a rugged hardware solution, providing an easy to use and cost-effective solution that creates the required overmatch.

SMARTSHOOTER's fire control solutions are designed to give soldiers and law enforcement officers a decisive tactical edge in almost every operational scenario, maximizing force lethality and operational effectiveness throughout every engagement.

Why SMASH?

- SMASH increases hit probability to significantly enhance lethality and user survivability
- Increased situational awareness - Enables accurate shooting with both eyes open
- SMASH ensures a first-round hit, day and night while reducing engagement time
- Shot accuracy no longer affected by human factors such as fatigue, stress or target movement
- Detection, tracking and engagement of drones and small UAVs
- Ballistic support for a wide variety of ammunition types
- Connectivity with C4I systems, Battle Management Systems and external sensors
- Low life cycle cost (minimal training, maintenance and ammunition)

Features



See-through Optics

The basic SMASH system comprises a red dot 'reflex' sight, providing the shooter with a naturalistic sight picture and improved situational awareness



Lock & Track

Once locked onto the target, SMASH tracks its movements in the sight - even through a crowd - helping improve user situational awareness, easing their mental load and ensuring that when the time comes, the system will make that first shot count



Target Detection

Simple, intuitive controls on the weapon allow the users to select and confirm the target without moving their hands



Add-On

SMASH mounts on standard weapon rails and can be fitted to most weapons allowing upgrade of legacy rifles to the 21st Century battlefield



Day/Night Operation

SMASH enables precision targeting around the clock, with clear day and night vision capabilities



Drone Mode

Software built into the SMASH fire control system can recognize unmanned aerial vehicle targets, automatically track them and help shooters eliminate the threat

Additional Features



Swift Mode Change

If under certain circumstances, users feel the need to go back to basics, the system can revert to a reflex sight at the flick of a switch



Environmental Conditions Certification

SMASH has been extensively tested to meet the stressing requirements set out by international certification documents such as the US MIL-STD-810



Digital Zeroing

SMASH can be used to automatically 'zero' the weapon, minimizing training overhead for inexperienced shooters

Main System Modes	Aiming Dot - accurate reflex sight
	Day mode fire control assisted shots using see-through projected markers
	Night mode fire control assisted shots using low light video display
Multi-Operational Use	Ground target elimination, static and dynamic targets up to 300 m (Day Mode)
	Small UAS kinetic elimination up to 200 m (Day Mode)
Main Components & Installation	Sighting Unit - mounts on existing MIL-STD-1913 rail
	Fire Block Mechanism (FBM) - incorporated in a replacement weapon grip (and trigger guard)
	Quick on-site installation
Optics Type	X1
Supported Weapons	M4, AR15, SR25 (M110)
Integral Fire Control Computer	Target lock & track
	Dynamically updated firing zone and synchronized shot
	User selection of different ballistics
	Enables future capabilities addition through software upgrades
Size L x W x H	164 mm X 73.5 mm X 75 mm
Weight	740 g (Sight)
Power Source	Rechargeable smart Lithium Ion battery pack
	72 hours or up to 3600 SMASH-assisted shots
NIR Illuminator	Optional Activation
MIL-STD Compliance	MIL-STD-810G, MIL-STD-461E



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