SMASH X4

Magnifying Fire Control System
for Small Arms

SMARTSHOOTER
PRECISE TECHNOLOGICAL SOLUTIONS

SMASH X4
Magnifying 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 X4 combines a X4 magnifying optic scope with SMARTSHOOTER's fire control capabilities thus providing extended detection, recognition & identification ranges for the shooter as well as extended lethality ranges.

The SMASH X4 also includes an etched reticle to allow shooting without battery power. An optional integrated Laser Range Finder (LRF) enables range measurement both as a user-initiated capability as well as a system input for improved precision. The system integrates Lock-Track-Hit capabilities hitting static and dynamic targets, at complicated shooting conditions, in real tactical scenarios.

Why SMASH?

- SMASH increases hit probability to significantly enhance lethality and user survivability
- Increased situational awareness
- 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 see-through optics 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

Category	Detail
Main System Modes	Etched reticle mode
	Day mode fire control assisted shots using see-through projected markers
	Night mode fire control assisted shots using low light video display
	Clip-On mode fire control assisted shots using night vision clip-on
Multi-Operational Use	Ground target elimination, static and dynamic targets up to 400 m (Day mode)
	Small UAS kinetic elimination up to 250 m (Drone mode)
	Ground target elimination, static and dynamic targets up to 400 m (Night 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
Magnification	X4
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
	Compensation for wind, inclination, cant
	Enables future capabilities addition through software upgrades
Size (L x W x H)	W/O LRF 206 mm X 89 mm X 83 mm W/ LRF 206 mm X 102 mm X 83 mm
Weight	W/O LRF 1120 g (Sight) W/ LRF 1250 g (Sight)
Power Source	Rechargeable Smart Lithium Ion battery pack
	72 hours or up to 3600 SMASH-assisted shots
Laser Range Finder	Optional, up to 1000 m
MIL-STD Compliance	MIL-STD-810G, MIL-STD-461E

Head Office
Smart Shooter Ltd. I Yagur 3006500, Israel
Tel: +972.72.3202111 I info@smart-shooter.com

Europe
Smart Shooter Europe GmbH. I Lindenbecker Weg 14,
40822 Mettmann, Germany
Tel: +49.172.3122872 I Michael@smart-shooter.com

North America
Smart Shooter Inc. I 13405 Elevation Lane
Herndon, VA 20171, USA
Tel: +1.952.9132568 I scott@smart-shooter.com

Australia
Smart Shooter Ltd. I Level 1, The Realm 18 National Circuit,
Barton ACT 2600, Australia
Tel: +61.2.61983405 I Lachlan.mercer@smart-shooter.com

SMARTSHOOTER
PRECISE TECHNOLOGICAL SOLUTIONS