



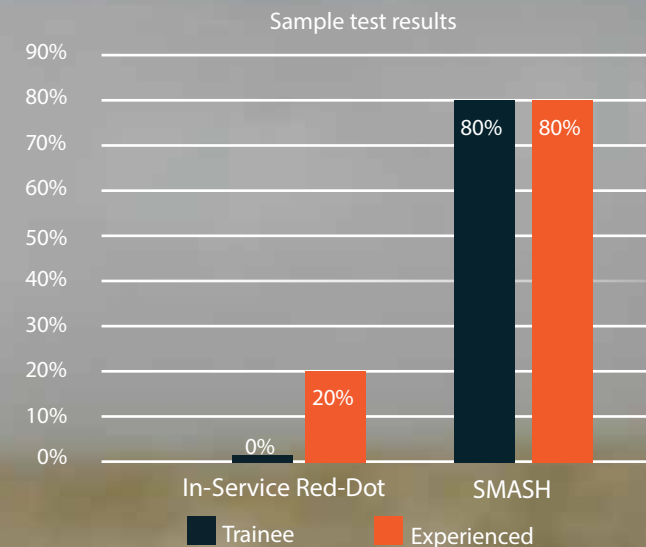
SMASH 3500

Advanced Fire Control Sight with LRF





First round hit rate on moving targets @ 100m
from standing and unsupported fire positions



SMASH 3500 Advanced Fire Control Sight with LRF

SMASH is a combat-proven family of Fire Control Systems designed to significantly increase the Probability of Hit (POH) against small UAS and other dynamic targets. By utilizing ballistically calculated coincident shot release, SMASH enhances shooting accuracy while reducing training costs.

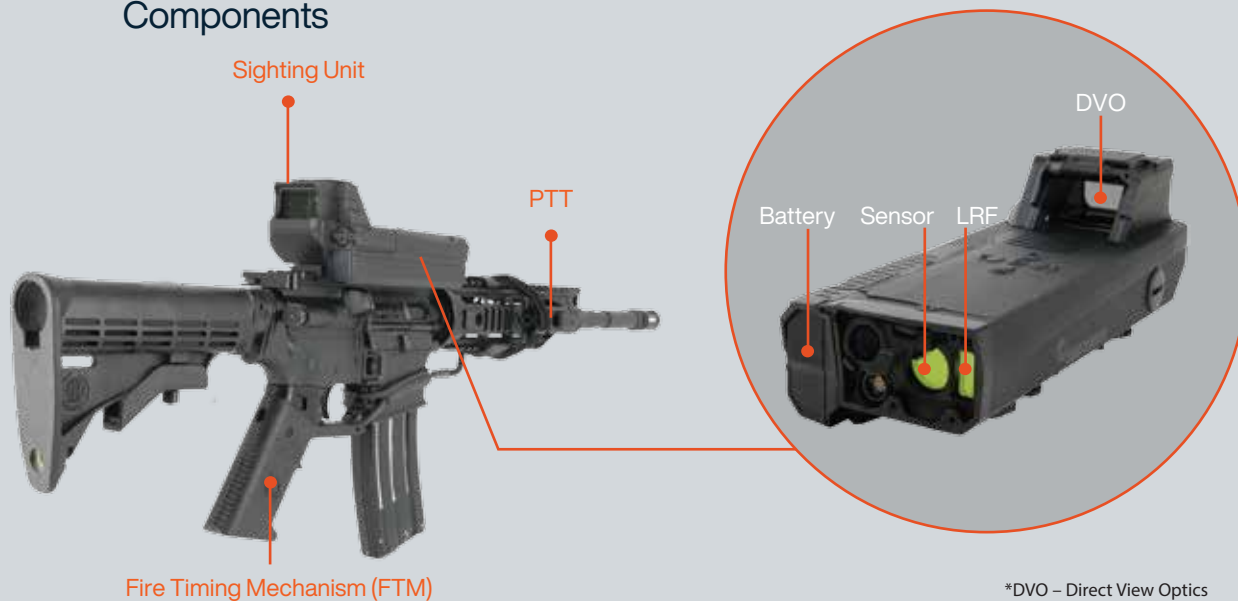
Powered by advanced image processing and machine learning, SMASH enables precise target acquisition and tracking—allowing precise engagement of both static and moving targets across various diverse operational scenarios including ground, C-sUAS, maritime, and more, day or night.

The **SMASH 3500** is an advanced fire control system designed to enhance the accuracy and lethality of small arms. Featuring a **built-in laser rangefinder (LRF)**, it offers a dependable solution for increased operational effectiveness in complex combat scenarios—ensuring superior performance when it matters most.

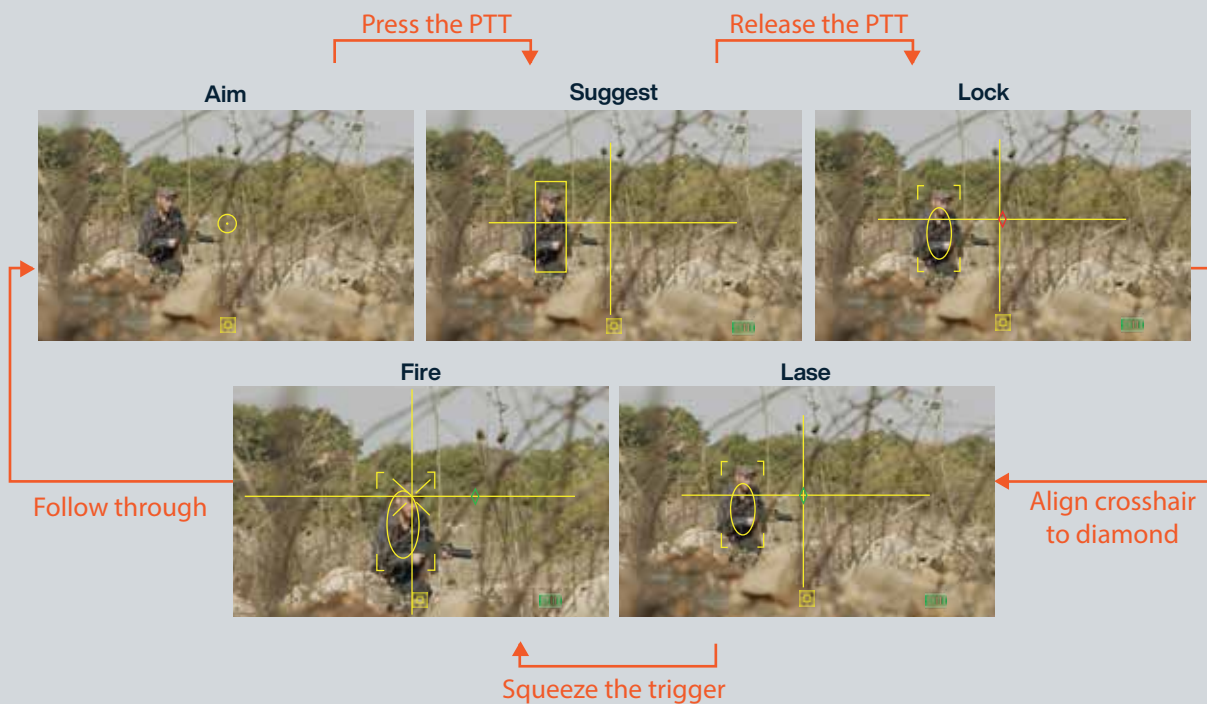
Why SMASH?

- 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
- LRF + Ballistic algorithm to support a wide variety of ammo and weapon types
- Connectivity with C4I systems, Battle Management Systems and external sensors
- Low life cycle cost (minimal training, maintenance and ammunition)

Components



Operational Flow



Main System Modes	Aiming Dot - accurate reflex sight
	Day mode fire control assisted shots using see-through projected markers
Multi-Operational Use	Night mode fire control assisted shots using low light video display (+ Clip-on compatibly)
	Ground target elimination, static and dynamic targets up to 400 m (Day Mode)
Supported Weapons	Small UAS kinetic elimination up to 200 m (Day Mode)
Magnification	X1
Supported Weapons	AR10, AR15, AK and others
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	192 mm X 77 mm X 75 mm
Weight	890 g (Sight)
Power Source	Rechargeable Smart Lithium Ion battery pack
	72 hours or up to 3600 SMASH-assisted shots
Laser Range Finder	CR123 battery pack – Optional
	905 nm Wavelength, Class 1M Optional Activation via PTT Cable (Eye Safe)
MIL-STD Compliance	MIL-STD-810G, MIL-STD-461E

Features



See-through Optics

Provides a clear, natural sight picture and improved situational awareness



Target Detection

Simple controls let users select and confirm targets without moving hands of the weapon



Lock & Track

Locks onto targets and tracks them automatically, easing shooter workload



Day/Night Operation

Enables precision targeting 24/7 with clear day and night vision



Drone Mode

Identifies, tracks, and helps eliminate aerial threats



Add-On

Mounts to standard rails, upgrading legacy rifles with advanced capabilities



Swift Mode Change

Switch instantly to basic reflex sight mode or between ground and aerial modes if needed



Digital Zeroing

Speeds up and improves zeroing accuracy, reducing training time for new users



Integrated LRF

Build-In Laser Rangefinder (LRF), enabling improved ranging accuracy and optimized ballistic solutions for enhanced precision

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