SMASH 3000

Advanced Fire Control Sight

SMARTSHOOTER

PRECISE TECHNOLOGICAL SOLUTIONS

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

Powered by advanced image processing and machine learning, SMASH provides precise target acquisition and tracking capabilities, that enable accurate engagement of static and moving targets across various operational scenarios—ground, C-sUAS, maritime, and more—day or night.

SMASH 3000 delivers several **upgrades**, including **improved optics, superior** performance in lock, track, and hit ranges, plus a more advanced software interface that allows for greater user control over parameters.

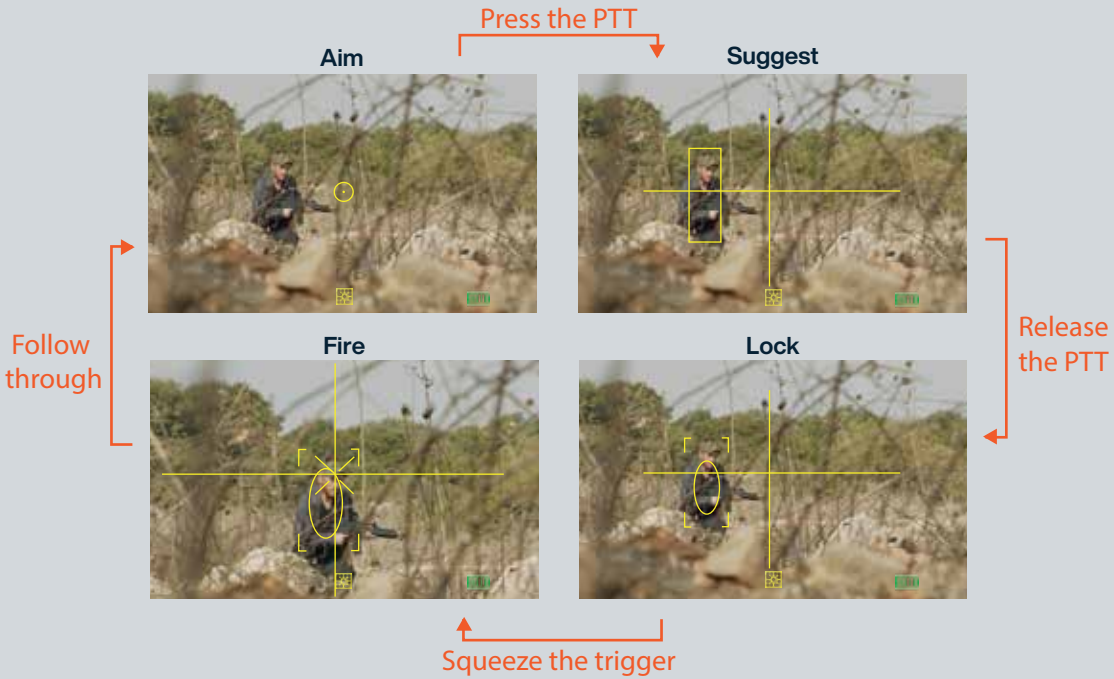
Available with SMASH SA, an advanced Situational Awareness add-on, SMASH 3000 integrates with Joint Fire Network (JFN), C4I, and BMS for target handoff and network-centric operations.

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)

Components

Operational Flow



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 (+ Clip-on compatibly)
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)
Magnification	X1
Supported Weapons	AR 5.56, DMR 7.62
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	181 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
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

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