



SMASH DRAGON

Lethal Payload for Small UAVs





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The SMASH Dragon is an advanced robotic weaponry payload that can be mounted on different small UAVs (drones) and other unmanned aerial platforms.

Featuring SMASH's core capabilities and proprietary target acquisition, the real-time fire control algorithms direct the weapon and accurately time the shot in order to achieve a precise hit. The system is uniquely designed to lock, track, and hit unknown targets in an unknown environment, whether they be static or dynamic, day and night.

The SMASH Dragon consists of a SMASH Fire Control System (FCS), an assault rifle, a remote trigger unit, a gimbal, and all necessary safety mechanisms. Compatible with a wide variety of small UAVs, the ground control station includes either a stand-alone control unit or an integration into the UAV's control unit.

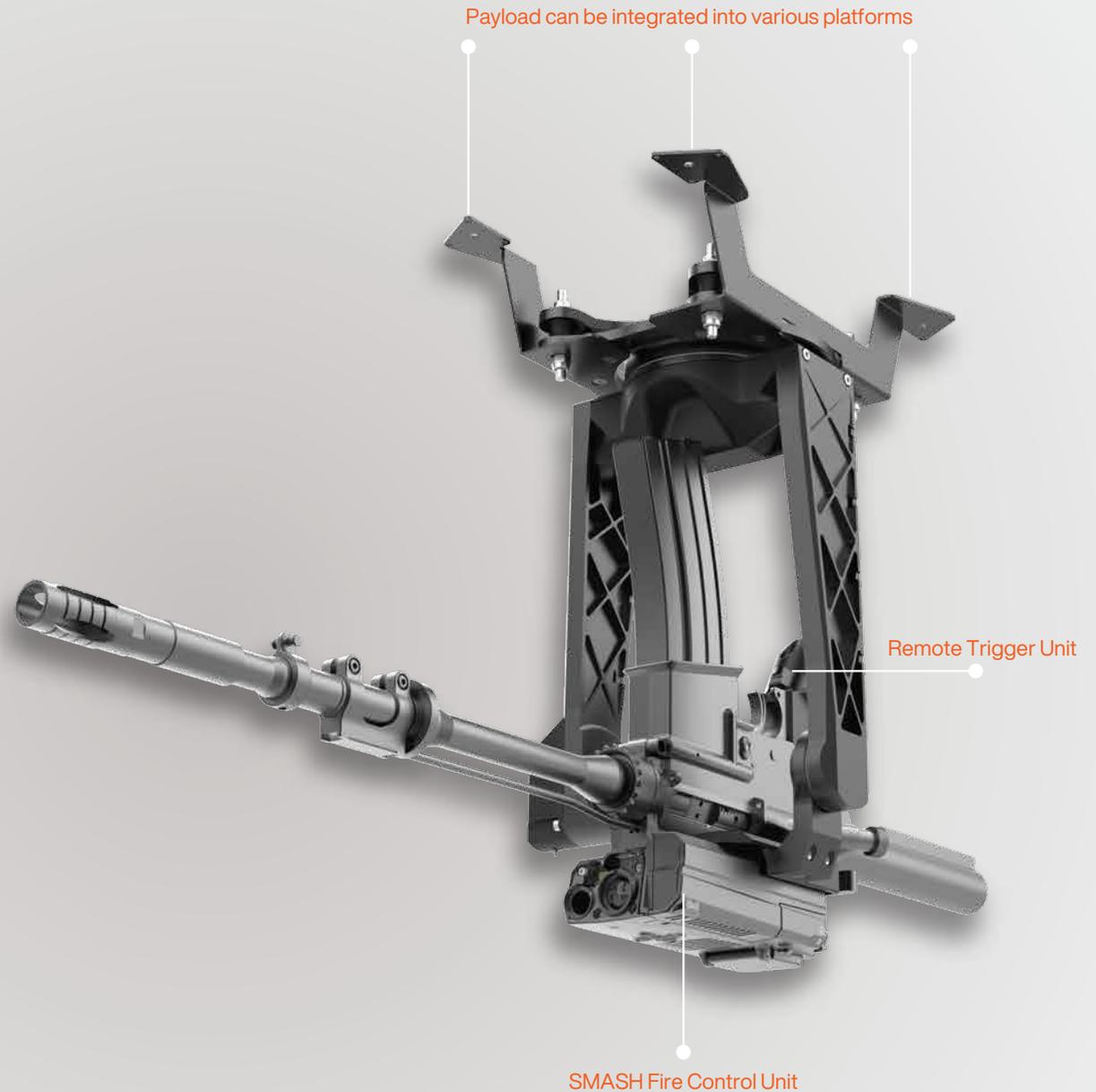
The SMASH Dragon supports various weapon types such as 5.56 and 7.62 mm small arms as well as 40 mm grenade launchers.

A complete system which includes both a compatible unmanned aerial platform and the payload may be supplied; alternatively, the payload can be supplied as stand-alone for the integration into a compatible platform of choice.

Key Features

- First-round hit accuracy for both static & dynamic targets
- Combat-proven core delivers a precise hit
- Extremely lightweight solution allows extended mission time
- Unique "Semi-Stabilized" solution
- Day and Night capabilities
- Lock & Track capabilities
- Real-time, target-based control & firing algorithms
- Simple & intuitive operation
- Platform-agnostic payload, suits various platforms

Weapon Caliber	5.56, 7.62, 40 mm
Multi-Operational Use	Ground target elimination, static and dynamic targets up to 300 m
	Small UAS kinetic elimination up to 200 m
Azimuth / Pan Angle	360°
Elevation / Tilt angle	+15° to -65°
Payload Weight	7 Kg (including 5.56 weapon and ammunition)





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