

Protection at The Speed of Light

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ADVANCED LASER STORM AREA DENIAL Multi-beam, dynamic non-lethal optical distractor

PROBLEM: Security Forces and military teams have a limited range of non-lethal options for de-escalating situations while minimizing fatalities and permanent injury to personnel.

SOLUTION: A Laser Storm device designed to disrupt, delay and deter an adversary by showering an array of eye-safe laser beams in their direction. Multiple wavelength laser beams cause visual disturbance for an immediate, non-lethal intervention, giving the target an opportunity to clarify intent and security forces extra time to respond.



TEAM / PAST PERFORMANCE

22 years experience developing intense light, flash & laser eye-protection for DoD

- Extensive R&D in Flash & Laser Eye Protection
- Industry/Academic recognition for expertise in lasers and light management
- Successful Commercialization of SBIR-funded tech for US Army, USAF and consumers



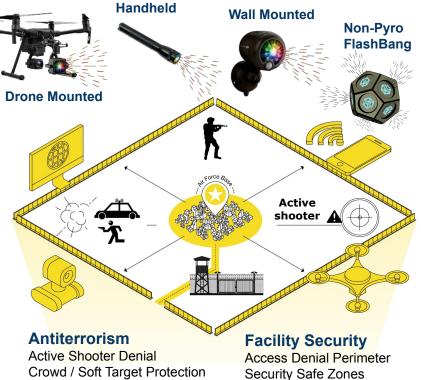












KEY DIFFERENTIATORS

Eye Safe*

Eye-Safe means laser power is below Maximum Permissible Exposure (MPE), as defined by ANSI & International standards



Multi-Beam Pattern

Larger coverage zone allows imprecise targeting

Fail-Safe Independent of ElectronicsSimple to operate

Low-Power Laser Source

Safe to use around soft targets. Low SWaP-C

FUNDING STATUS

- AF Phase I STTR 21.1 Awarded, POF: April-July 2021
- AF D2P2 SBIR 22.1 **Selectable/Not-Funded** (another AF organization can pursue award with sufficient funding)
- Currently TRL 4/5