

40MM HIGH VELOCITY COUNTER-UNMANNED AERIAL SYSTEM



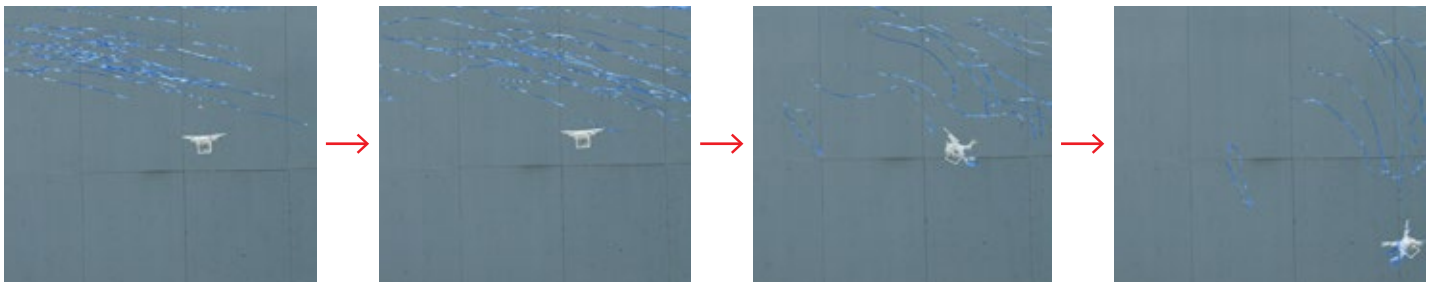
DESIGNED TO EFFECTIVELY TAKE DOWN UAV THREATS

The 40mm High Velocity Counter-Unmanned Aerial System (HV C-UAS) provides a cost effective and efficient way of countering hostile Class 1 Multi-copter UAS threats.

The 40mm HV C-UAS solution comprises a 40mm cartridge and two types of Programming Kit modules that can be easily mounted on any standard 40mm automatic grenade launcher with or without a Fire Control System:




- Programming Kit (PK) unit for Fire Control System that can detect and track the UAS, and provide the UAS's range input;
- Programming Kit with Manual Input (PK-MI) unit for the user to manually input the UAS's range

With the UAS's range established, the PK or PK-MI will program the C-UAS cartridges to expel the streamer payloads at the right position to disrupt the rotors of the UAS, causing it to fall to the ground. Firing multiple cartridges will create a large curtain of streamers that will effectively engulf the UAS.



The expulsed streamers will entangle the propeller and disable the multi-copter

TECHNICAL SPECIFICATIONS

40mm HV C-UAS Cartridge 	Length	112 mm
	Weight	330 g
	Payload	Streamers
	Muzzle Velocity	242 m/s
	Maximum Range	1400 m
	Weapon Compatibility	CIS 40AGL, MK 19 Mod 3, MK 47, H&K 40 GMG
Programming Kit with Manual Input (PK-MI) 	Size	72 mm x 96 mm x 69 mm
	Weight	Approx. 800 gm
	Operating Temperature	-40 to +63 °C
	Power	Lithium Battery
Programming Kit (PK) 	Size	125 mm x 65 mm x 62 mm
	Weight	Approx. 800 gm
	Power	DC 12 V
	Communication Protocol	Standard RS232 Serial Interface

Note: Specifications are subject to change by the manufacturer without prior notice.

