

DRONE40

UNMANNED AERIAL VEHICLE

Drone40 is a swarming, autonomous, multi-payload, loitering UAS. This can be deployed via hand, air, boat, vehicle or a 40mm grenade launcher. Utilising a standard 40mm grenade launcher, multiple munitions can be launched, each munition working as a force multiplier.

Drone40 features a GPS based autopilot system with a portable ground control station communicating over an encrypted radio data-link. It leverages advanced commercially available drone components combined with mass manufacturing techniques from the printed circuit board industry to produce a compact, low cost, yet capable nano unmanned aerial system.

Drone40 is equipped with a modular payload bay allowing for quick in field changes ranging from full motion video streaming ISR to kinetic effects. When used in a non-kinetic scenario the Drone40 is recoverable and reusable.



SPECIFICATIONS:

DIAMETER	40mm MUNITION (STOWED) 40.6 OD
LENGTH	120mm + PAYLOAD
DIMENSIONS	180 X 180 X 40mm (DEPLOYED)
WEIGHT	190gr
MAX TAKE OFF WEIGHT	300gr
MAX FLIGHT TIME	60mins
MAX RANGE	35kms/20miles+
BATTERY CAPACITY	20.5 Wh
DASH SPEED (MAX)	18m/s AUTO-PILOT
MAX PAYLOAD POWER	25 W

PAYLOAD OPTIONS:

ISR TI	ISR EO
LIGHT AND SOUND	TRAINING EFFECTOR
WL STREETLIGHT	IR STREETLIGHT
FLASHBANG	FRAG
EFP	SMOKE

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