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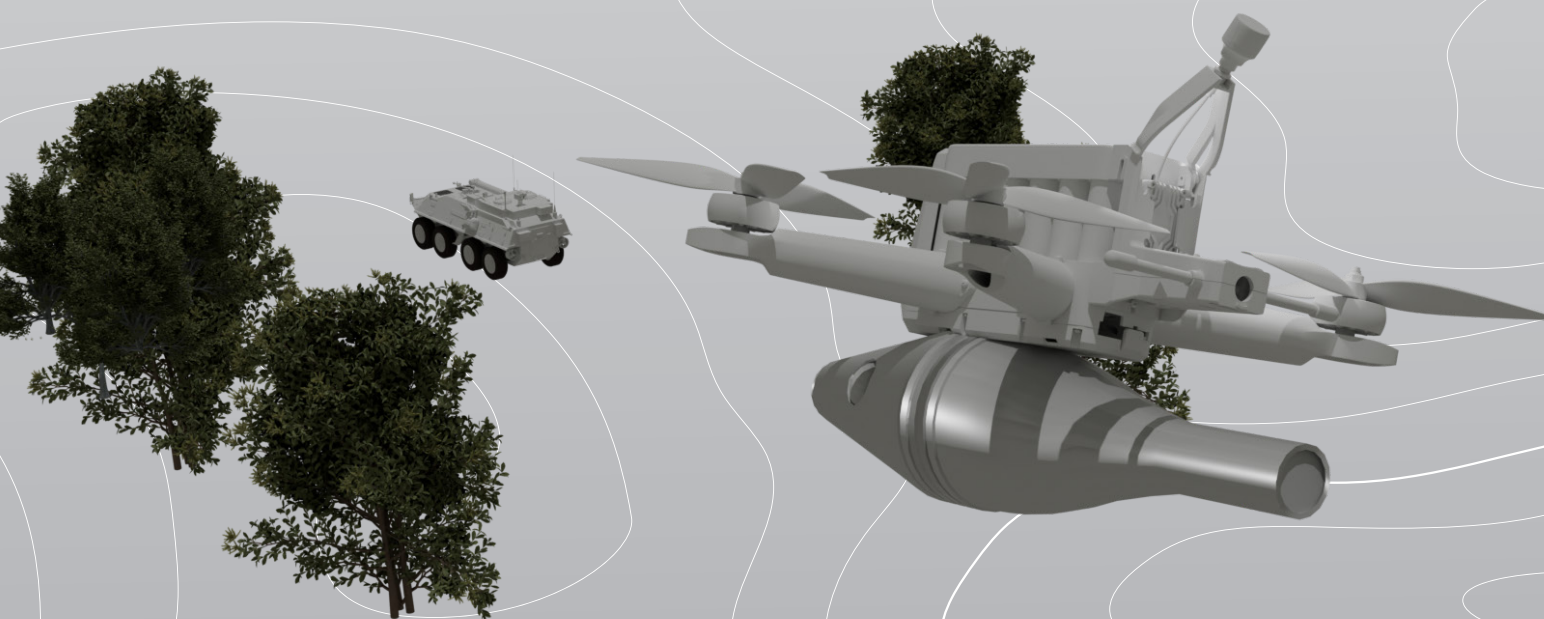
TIMTEC 
T I M T E C D E F E N S E

FPV LOITERING MUNITION/TACTICAL UAS

BOBER 1-20

-  Air to Ground attack
-  Armed ISR
-  Omnidirectional guided agile and precise attack
-  Low altitude, sneak attack route
-  Multiple armament options
-  High tolerance to denied environment
-  Day, night, low visibility operations
-  Cost-effective solution

Closing the kill chain with exceptional capabilities, adapt at neutralizing armored vehicles and soft targets by an expandable, low-cost system



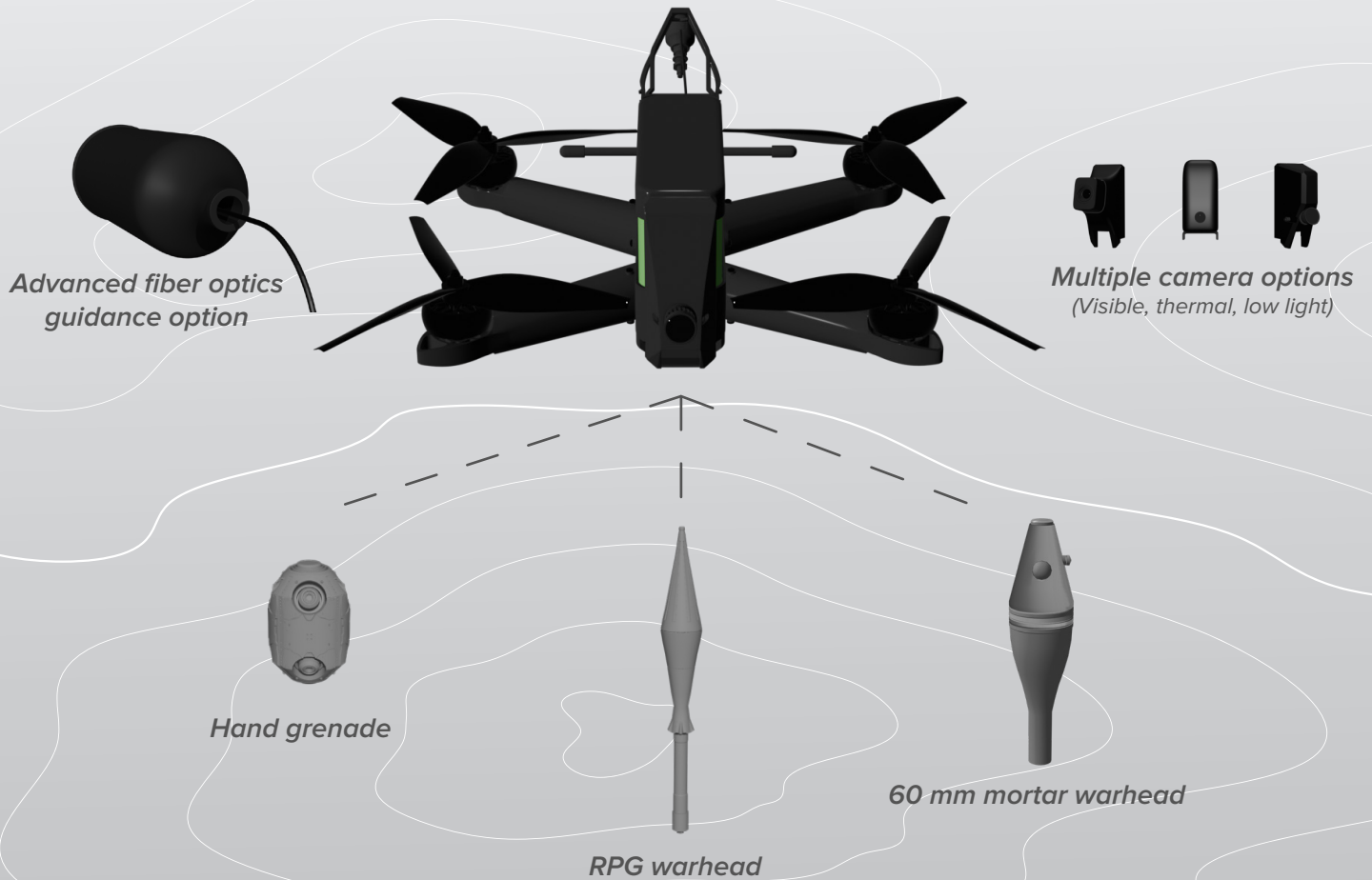
DATA

- » In-flight payload activation* (safety and mission abort)
- » Equipped with multiple safety activation modes and initiation boards*
- » Multi-frequency band redundant communication
- » Extreme weather operations enabled
- » In-theatre operational training
- » Beginner and expert operator training

*Depends of the warhead

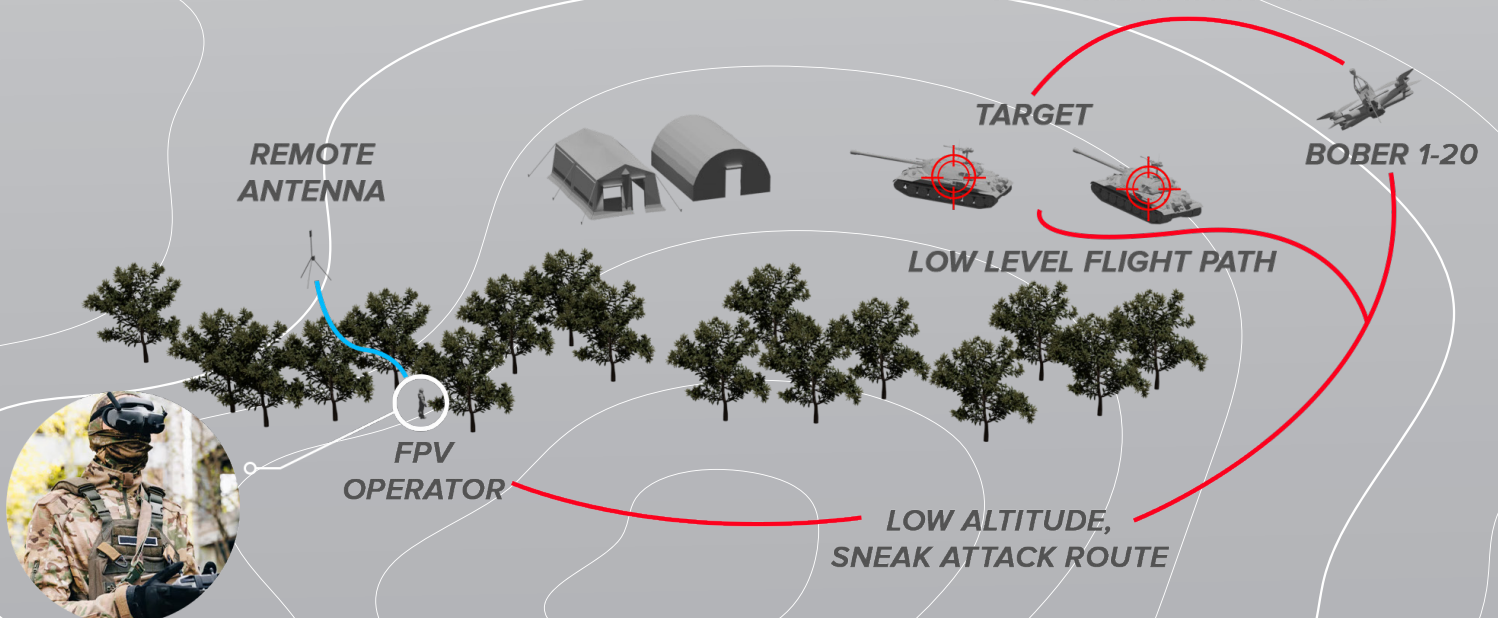
ARMAMENT OPTIONS

- » 40 mm ammunition
- » 60 mm ammunition
- » Modified explosive ammunition
- » Other possible options
- » **Vendor provided NATO standard ammunition options**



BOBER 1-20 STRIKE SCENARIO

VERTICAL ATTACK PROFILE



- » Simple design
- » Compact dimensions
- » Integrated battery
- » Integrated modular ammunition adapter
- » Modular design (easily exchangeable control and optical modules)
- » Battle proven product

FULLY COMPATIBLE WITH **X925 OPV** CANISTER AUXILIARY PAYLOAD DELIVERY SYSTEM

ENDURANCE

(PAYLOAD / OPERATING TIME / DISTANCE)

BASIC CONFIGURATION Tactical ISR	40 min	50 KM	
1 KG PAYLOAD Armed ISR	24 min	32 KM	
1.5 KG PAYLOAD Attack configuration	18 min	24 KM	
2 KG PAYLOAD Heavy attack configuration	14 min	18 KM	

*Performances @ +/- 15° ISA MSL conditions

REDUNDANT COMMUNICATION CHANNELS

The drone operates across three frequency bands, with the flexibility to switch between them or use them simultaneously. This triversity ensures reliable performance even under the challenging conditions in hostile electronic warfare (EW) environments.

EQUIPMENT AND OPTIONS

- » Visible, thermal and low light cameras
- » Terminal guidance target lock option
- » Simultaneous multi-frequency data link
- » Advanced fiber optics guidance option
- » Integrated multiple safety and activation modes
- » Battery charger
- » Tactical backpack
- » Transport and storage case



Tactical backpack



Transport and storage case



Controller and FPV goggles



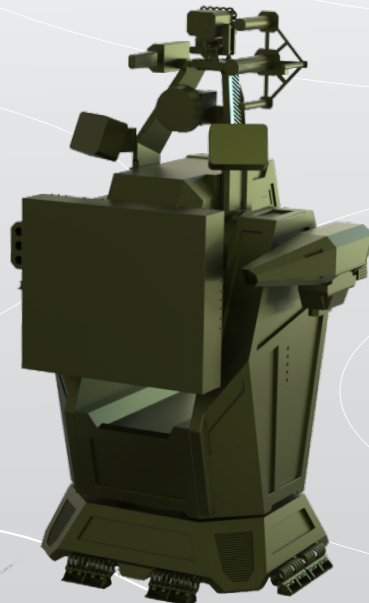
Remote antenna

About TIMTEC Defense Ltd.

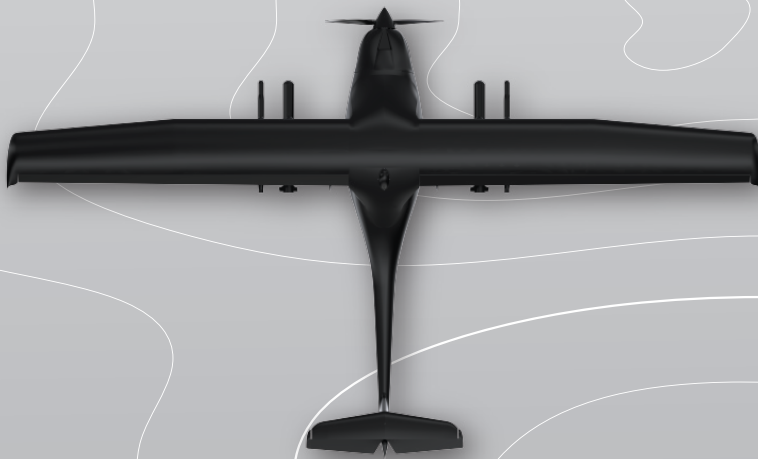
TIMTEC Defense Ltd. specializes in the rapid design, development, and production of defense systems and components for complex platforms. Its expertise includes Class 3 UAV-OPVs, Class 1 FPVs-UAVs, multi-layer counter-drone systems, multi-link, multi-path tactical communication hubs, and related electronic hardware and software.



*EO/IR stabilised sensor system
High-precision 2-axis stabilization
Customizable sensors: VIS and IR
Suitable for aerial, naval, and
ground applications*



*Multi-Layer Counter-Drone and
Threat System Directional high-power jammers
Electromagnetic interference pulses
Microwave directed energy
Kinetic effectors*



*OPV-UAV multimission aerial platform
750 kg MTOW Class 3 MALE UAV
Wing and fuselage payload hardpoints
LOS and BVLOS communication systems*



*Voice, Image, Video, and Data
Communications Hub
Supports radio, fiber optic, cable,
satellite, and other port-based
communication and distribution systems*



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