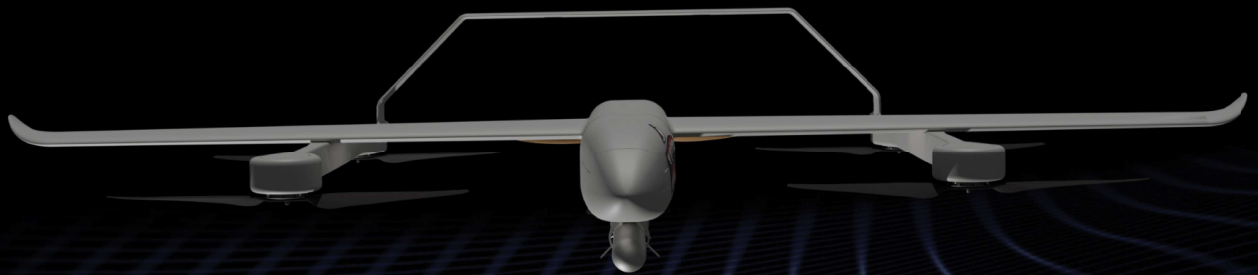


# PRODUCT CATALOG 2024



**AERIAL TARGETS  
UNMANNED AERIAL VEHICLES  
LOITERING MUNITIONS**

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 **KADET**  
DEFENCE SYSTEMS

# JX2-20



## APPLICATIONS

- AIR DEFENCE THREAT REPLICATION
- LOW SPEED TARGET
- KAMIKAZE ATTACK

 WINGSPAN 2.5m	 LENGTH 2.6m	 ENDURANCE >45Mins	 LAUNCH CATAPULT	 RECOVERY PARACHUTE
 SPEED 60 m/s	 RANGE 40Km (BVR)	 PROPULSION IC ENGINE	 PAYLOAD 7Kg	 MTOW 35Kg

## KEY FEATURES

- 1. ECONOMICALLY COMPETITIVE SOLUTION
- 2. CATAPULT LAUNCH AND PARA RECOVERY CAPABLE
- 3. THERMAL OR RCS SIGNATURE AUGMENTATION
- 4. ACOUSTIC SCORING SYSTEM
- 5. CAN CARRY TOWED TARGETS

## PAYLOADS

- PASSIVE RADAR AUGUMENTATION
- DEVICES- LUNEBERG LENS
- IR FLARES
- CORNER REFLECTORS
- CHAFFS
- TOWED AERIAL TARGET
- IR HOT NOSE
- SCORING SYSTEM
- WARHEADS


# JX3-30



## APPLICATIONS

- AIR DEFENCE THREAT REPLICATION
- DECOY SWARM
- KAMIKAZE ATTACK
- HIGH SPEED TARGET


  
WINGSPAN  
2.17m

  
LENGTH  
2.47m

  
ENDURANCE  
>60Mins

  
LAUNCH  
CATAPULT

  
RECOVERY  
PARACHUTE

  
SPEED  
150 m/s

  
RANGE  
75 Km

  
PROPULSION  
JET

  
PAYLOAD  
MULTIPLE

  
MAX SERVICE CEILING  
8000 m

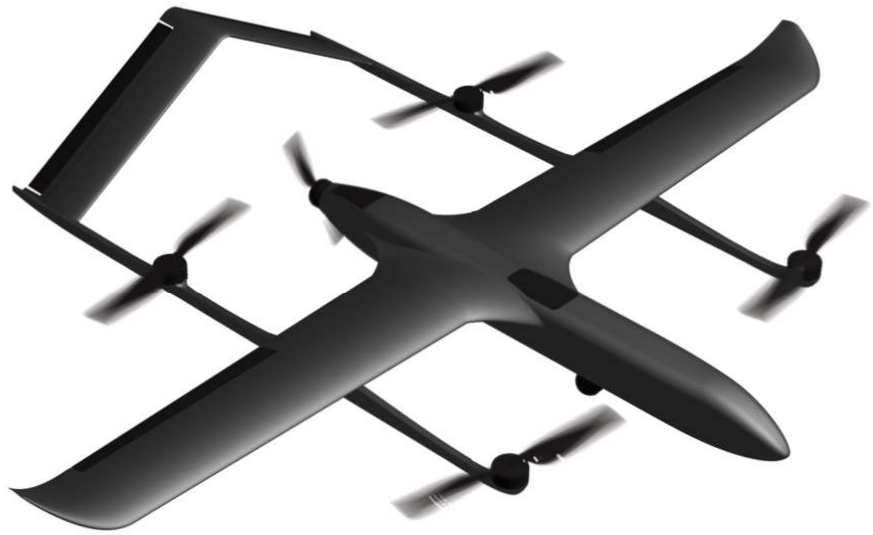
## KEY FEATURES

- IDDM COMPLIANT
- CAN SIMULATE THREATS IN TERMS OF KINEMATICS AND SIGNATURES
- 360 DEGREE THERMAL SIGNATURE COVERAGE
- PASSIVE RADAR AUGMENTATION

## PAYLOADS











- PASSIVE RADAR AUGUMENTATION
- DEVICES- LUNEBERG LENS
- IR FLARES
- CORNER REFLECTORS
- CHAFFS
- TOWED AERIAL TARGET
- IR HOT NOSE
- SCORING SYSTEM
- WARHEADS

# PD-1A



## APPLICATIONS

- SURVEILLANCE AND RECONNAISSANCE
- BATTLE FIELD MANAGEMENT
- DAMAGE ASSESSMENT
- CARRY AND LAUNCH UNGUIDED BOMBS

 WINGSPAN 3.5m	 LENGTH 2.62m	 ENDURANCE >90Mins	 LAUNCH VTOL	 WIND RESISTANCE 40 Gusting 60 kmph
 SPEED 30 m/s	 RANGE 180 Km	 PROPULSION ELECTRIC	 PAYLOAD 5 Kg	 MAX LAUNCH ALTITUDE 4500 m

## KEY FEATURES











- ELECTRONIC WARFARE SUPPORT



# PD-2

## APPLICATIONS

- SURVEILLANCE AND RECONNAISSANCE
- BATTLE FIELD MANAGEMENT
- DAMAGE ASSESSMENT
- CARRY AND LAUNCH UNGUIDED BOMBS AND GUIDED MUNITION











 WINGSPAN 6m	 LENGTH 3.27m	 ENDURANCE 6 Hours	 LAUNCH VTOL	 WIND RESISTANCE 40 Gusting 60 kmph
 SPEED 42 m/s	 RANGE 720 Km	 PROPULSION HYBRID	 PAYLOAD 30 Kg	 MTOW 120Kg

## KEY FEATURES

- IDDM
- HYBRID PROPULSION
- CLASS LEADING ENDURANCE

# HO1B











## MULTIROTOR LOITERING AMMUNITION

 Dimension 1.6m x 1.6m	 RANGE 15 Km	 ENDURANCE 25 Mins	 SPEED 12 m/s	 SERVICE CEILING 5000 m
 CAMERA EO/IR with LRF	 PROPULSION ELECTRIC	 ASSEMBLY Foldable Modular Design	 WARHEAD WEIGHT 2 Kg	 Weight 35 Kg



# HO1C

## MULTIROTOR LOITERING AMMUNITION

 Dimension 1.6m x 1.6m	 RANGE 15 Km	 ENDURANCE 25 Mins	 SPEED 12 m/s	 SERVICE CEILING 5000 m
 CAMERA EO/IR with LRF	 PROPULSION ELECTRIC	 ASSEMBLY Foldable Modular Design	 WARHEAD WEIGHT 5 Kg	 Weight 40 Kg











# HO3A

## CANISTER ASSISTED LOITERING MUNITION (CALM)



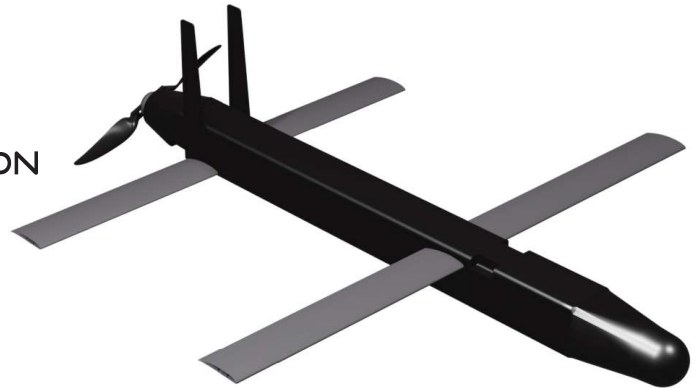
### APPLICATIONS

- ANTI PERSONNEL
- ANTI ARMOR
- ANTI MATERIAL

 WINGSPAN 2.4m	 LENGTH 2.38m	 ENDURANCE 90 Mins	 LAUNCH CANISTER TYPE	 WIND RESISTANCE 40 Gusting 60 kmph
 SPEED 36 m/s	 RANGE 15 Km	 PROPULSION ELECTRIC	 PAYLOAD 2 Kg	 MTOW 15Kg











# HO3B

## CANISTER ASSISTED LOITERING MUNITION (CALM)



### APPLICATIONS

- ANTI PERSONNEL
- ANTI ARMOR
- ANTI MATERIAL

 WINGSPAN 2.8m	 LENGTH 2.7m	 ENDURANCE 90 Mins	 LAUNCH CANISTER TYPE	 WIND RESISTANCE 40 Gusting 60 kmph
 SPEED 36 m/s	 RANGE 15 Km	 PROPULSION ELECTRIC	 PAYLOAD 5 Kg	 MTOW 25Kg