



SAMEL INNOVATION

Advanced Defense & Dual-Use Technologies

UAV PLATFORMS • COUNTER-UAS • ELECTRONIC WARFARE • AI RECONNAISSANCE • TURBOJET PROPULSION • TRAINING & MISSION SUPPORT



AI RECONNAISSANCE



COUNTER-UAS & EW



INTERCEPTOR
PLATFORMS



TURBOJET
PROPULSION



TRAINING &
SIMULATION



MISSION
SUPPORT

BUILT ON SAMEL-90 INDUSTRIAL HERITAGE SINCE 1964

INTEGRATED SYSTEMS FOR MODERN OPERATIONS

SAMJET

LOITERING MUNITION PLATFORM

PRECISION. AUTONOMY. MISSION FLEXIBILITY.

SAMJET is a multi-mission loiter munition designed for battlefield deployment.

Quick to put into service, intuitive to program and operate.

Highly secure system with three levels of safety.

Cost-effective compared to conventional anti-tank missiles.

Can fly up to 100 km with autonomous guidance and low noise thanks to electric propulsion.

ONE PLATFORM.
TWO MISSION MODES.
ADAPT. STRIKE. WIN.



SE INNOVATION
SUPERTECH

	WINGSPAN 1700 MM
	LENGTH 1700 MM
	MTOW 10 KG
	WARHEAD 2 KG ANTITANK
	OPERATIONAL RANGE UP TO 100 KM
	MAX ENDURANCE 60 MIN
	TAKEOFF ROCKET MOTOR
	MAX SPEED 300 KM/H
	CRUISE SPEED 100 KM/H
	DATALINK UP TO 40 KM
	LOW-NOISE ELECTRIC PROPULSION

SYSTEM COMPONENTS



GROUND
CONTROL STATION



ZOOM / TILT
CAMERA



ROCKET LAUNCH
PLATFORM



ANTITANK
WARHEAD



ELECTRONICAL
SAFETY FUSE



DATALINK
SYSTEM



AUTONOMOUS
GPS GUIDANCE



EXTERNAL MONITOR
SUPPORT



SAMJET-L

Long-range datalink plus front zoom camera with tilt control.
Monitor the area below during flight up to 40 km.
Terminal operator control and target engagement until impact.



SAMJET-M

Missile mode without long-distance datalink and without front camera.
Target coordinates and flight plan entered via the same GCS.
Autonomous GPS guidance to target up to 100 km.

KEY FEATURES

- MULTI-MISSION LOITER MUNITION PLATFORM
- UP TO 100 KM AUTONOMOUS STRIKE RANGE
- UP TO 40 KM DATALINK FOR SAMJET-L
- 2 KG ANTITANK WARHEAD
- ROCKET-ASSISTED TAKEOFF FROM CASE PLATFORM
- LOW-NOISE ELECTRIC PROPULSION
- COMMON GCS FOR L AND M VARIANTS
- HIGH COST-EFFECTIVENESS

MISSION APPLICATIONS



ANTITANK
WARFARE



PRECISION
STRIKE



ARMORED VEHICLE
NEUTRALIZATION



BATTLEFIELD
SURVEILLANCE



LONG-RANGE
STRIKE



AUTONOMOUS
OPERATIONS



TERMINAL OPERATOR
CONTROL



MISSION
PLANNING



SPECIAL
OPERATIONS



TARGET
NEUTRALIZATION

BB-5

HEXACOPTER

FLAGSHIP. UNIVERSAL PLATFORM.

ONE PLATFORM.
ENDLESS MISSIONS.
ADAPT. INTEGRATE. WIN.

BB-5 is our flagship universal hexacopter platform, engineered for maximum adaptability, modular integration and long-range mission flexibility.

With a maximum payload capacity of up to 80 kg and a 40–50 km flight range under a 20 kg average load, BB-5 is designed as a multi-role aerial system for defense, logistics, reconnaissance, relay, monitoring and special operations.

Integrated local AI enables onboard decision support, route optimization and mission-level autonomy, while control center operation allows remote management from anywhere in the world.



SE INNOVATION
SUPERTech

 MAX TAKE OFF WEIGHT
85 – 125 KG
(45 KG PLATFORM WEIGHT
+ 20 – 80 KG PAYLOAD)

 MAX PAYLOAD
UP TO 80 KG

 RANGE
40 – 50 KM
WITH 20 KG LOAD

 FLIGHT TIME
UP TO 60 MIN

 OPERATING ALTITUDE
150 – 500 M

 MAX ALTITUDE
1500 M

 SPEED
0.1 – 20 M/S

 LOCAL AI
INTEGRATED

 GLOBAL CONTROL
CONTROL CENTER
FROM ANYWHERE

 PLATFORM TYPE
HEXACOPTER

MODULAR PAYLOAD ARCHITECTURE



PAYLOAD BAY
MODULE



RECON / EO
MODULE



LIDAR
MODULE



EW / SIGINT
MODULE



REPEATER
MODULE



DELIVERY /
TRANSPORT



MEDICAL
SUPPLY



SPECIAL OPS
MODULE

KEY FEATURES

- UNIVERSAL & MODULAR PLATFORM
- MAX PAYLOAD UP TO 80 KG
- RANGE 40 – 50 KM WITH 20 KG LOAD
- INTEGRATED LOCAL AI FOR SMART MISSIONS
- GLOBAL CONTROL FROM ANYWHERE
- FLEXIBLE INTEGRATION OF VARIOUS TECHNOLOGIES & SYSTEMS
- MULTI-ROLE: MILITARY & CIVIL APPLICATIONS

MISSION APPLICATIONS



TACTICAL
SUPPORT



RECONNAISSANCE
& SURVEILLANCE



COMMUNICATION
RELAY



EW / SIGINT
OPERATIONS



LOGISTICS &
TRANSPORT



MEDICAL
EVACUATION



BORDER
PATROL



FIRE MONITORING
& RESPONSE



MARITIME
OPERATIONS



INDUSTRIAL
APPLICATIONS



INDUSTRIAL
APPLICATIONS



SEARCH &
RESCUE



DISASTER
MANAGEMENT

BB-5 HL

HEAVY-LIFT COAXIAL PLATFORM

**MAXIMUM LIFT.
ENDLESS MISSIONS.
ADAPT. INTEGRATE. WIN.**

BB-5 HL is a coaxial heavy-lift derivative of the BB-5 platform, engineered for maximum payload capacity and demanding logistics, resupply and special-mission operations. Twelve-motor coaxial propulsion delivers exceptional lift while retaining the modular integration and long-range mission flexibility of the BB-5 family.



SE INNOVATION
SUPERTECH



MAX TAKEOFF WEIGHT
150 – 180 KG



MAX PAYLOAD
UP TO 80 KG



OPERATIONAL RANGE
30 – 40 KM



FLIGHT TIME
UP TO 60 MIN



MAX ALTITUDE
1500 M



PROPULSION
12× COAXIAL (Y6)



CONTROL
FULLY INTEGRATED



GLOBAL CONTROL
FROM ANYWHERE

MODULE & PAYLOAD ARCHITECTURE



Payload Bay
Module



Recon / EO
Module



Lidar
Module



EW / Sight
Module



Repeater
Module



Delivery /
Transport Module



Medical
Supply



Special-Ops
Module

KEY FEATURES

- Coaxial 12-motor heavy-lift propulsion
- Up to 80 kg payload capacity
- Modular & universal platform
- Anti-EW autonomous mission support
- Integrated local AI-assisted navigation
- Global control from anywhere
- Multi-role military & civil applications
- Reinforced airframe for heavy loads

MISSION APPLICATIONS



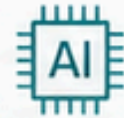
Tactical
Support



Reconnaissance
& Surveillance



Communication
Relay



EW / Sight
Operations



Logistics &
Transport



Medical
Evacuation



Border
Patrol



Fire Monitoring
& Response



Maritime
Operations



Industrial
Applications



Search &
Rescue



Disaster
Management

SamDrone NIGHTHAWK

SATELLITE EO/IR ENDURANCE PLATFORM

COMPACT. ENDURING.
CONNECTED. ANYWHERE.

SamDrone NightHawk is a compact, long-endurance quad-copter engineered for persistent observation, satellite-connected relay, and critical mission support in the most demanding environments.

Equipped with advanced EO/IR day-night capabilities, AI-assisted tracking, and a modular payload architecture, NightHawk delivers real-time situational awareness and mission flexibility.

With satellite connectivity and intelligent autonomy, operate from anywhere with confidence.



SE INNOVATION
SUPERTECH



MAX TAKE OFF WEIGHT
UP TO 8 KG



MAX PAYLOAD
UP TO 1.5 KG



OPERATIONAL RANGE
UP TO 20 KM



FLIGHT TIME
UP TO 130 MIN



OPERATING ALTITUDE
150 – 500 M



MAX ALTITUDE
1500 M



SPEED
0.1 – 20 M/S



EO / IR
DAY / NIGHT
THERMAL VISION



LOCAL AI
INTEGRATED



SATELLITE CONNECTIVITY
OPERATE FROM
ANYWHERE



PLATFORM TYPE
QUADCOPTER

MODULAR PAYLOAD ARCHITECTURE



EO / IR
MODULE



THERMAL
OBSERVATION
MODULE



AI TRACKING
MODULE



SATELLITE RELAY
MODULE



MAPPING /
INSPECTION
MODULE



COMMUNICATIONS
MODULE



SEARCH &
RESCUE
MODULE



SPECIAL OPS
MODULE

KEY FEATURES

- COMPACT & MODULAR QUADCOPTER PLATFORM
- SATELLITE CONNECTIVITY – OPERATE FROM ANYWHERE
- ADVANCED EO/IR DAY-NIGHT OBSERVATION
- AI-ASSISTED TARGET DETECTION & TRACKING
- LONG ENDURANCE & HIGH RELIABILITY
- RAPID DEPLOYMENT & EASY MAINTENANCE
- IDEAL FOR DEFENSE, SECURITY & CIVIL MISSIONS

MISSION APPLICATIONS



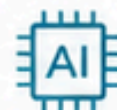
TACTICAL
SUPPORT



RECONNAISSANCE
& SURVEILLANCE



COMMUNICATION
RELAY



AI / ISR
OPERATIONS



INFRASTRUCTURE
INSPECTION



SEARCH &
RESCUE



BORDER
PATROL



FIRE MONITORING
& RESPONSE



MARITIME
OPERATIONS



INDUSTRIAL
APPLICATIONS



DISASTER
MANAGEMENT



MISSION READY
ANYTIME



MODULAR BY DESIGN
EVERY COMPONENT.
EVERY MISSION.



UNIVERSAL INTEGRATION
CONNECT ANY SYSTEM.
ANY PLATFORM.



BUILT TO ADAPT
BUILT TO WIN

FPV PLATFORM

SKY HORNET PRO

FPV 10"

ONE PLATFORM.
UNLIMITED POSSIBILITIES.
ADAPT. CONNECT. PERFORM.

Designed for total mission flexibility.
Sky Hornet Pro integrates with a wide range of
modules, payloads, and control systems from
various manufacturers.
Your mission. Your configuration. Our platform.



MAX SPEED
100 KM/H
CRUISING



RANGE
20 KM



MAX PAYLOAD
4 KG



FLIGHT TIME
32 MIN

PAYLOAD CAPACITY
UP TO 4 KG

— UNIVERSAL CONNECTIVITY. TOTAL FREEDOM.



VIDEO
SYSTEMS



FLIGHT
CONTROLLERS



DATA
LINKS



PAYLOAD
MODULES



SENSORS



POWER
SYSTEMS



MECHANICAL
ADAPTERS



MISSION
MODULES

PERFORMANCE

MAX SPEED	100 KM/H (CRUISING)
CRUISING SPEED	100 KM/H
MIN SPEED	10 KM/H
MAX FLIGHT ANGLE	50° TOTAL
ALTITUDE CEILING	5000 M / 16,404 FT
MIN FLIGHT ALTITUDE	5 M
MAX ALTITUDE	5000 M / 16,404 FT
MAX FLIGHT ALTITUDE	UP TO 14,500 M
OPERATING TEMP.	-15° TO + 45° C

CONTROL & VIDEO

CAMERA	RUNCAM PHOENIX 2
SENSOR	1/2.8" STARLIGHT CMOS
RESOLUTION	1100 TVL
FOV	50° (4:3) / 110° (16:9)
FRAME	4:3 18% / NTSC / PAL
TV SYSTEM	NTSC / PAL
DAY / NIGHT MODE	0.0LOR / B&W
SENSITIVITY	0.0006 EV / LUX

DATA LINK

FREQUENCY	3.3 – 3.8 GHz
TYPE	ANALOG / DIGITAL
TRANSMITTER POWER	1 W
CONNECTOR	IPEX 1 / U.FL.
RANGE (OPEN FIELD)	20 KM

RC LINK

FREQUENCY	930 – 950 MHz
POWER	2000 MW
RANGE (OPEN TERRAIN)	20 KM
TARGETING	MANUAL CONTROL

FIGHTING UNIT

CONTROL	MANUAL
MAX PAYLOAD	4 KG
THERMAL IMAGING	OPTIONAL
RANGE (OPEN TERRAIN)	20 KM
WORKING TIME (MAX LOAD)	32 MIN
MAX FLIGHT DISTANCE	20 KM
BATTERY CAPACITY	10000 MAH

BUILT TO ADAPT. ANY MISSION. ANY ENVIRONMENT. ANY CONFIGURATION.

COMPATIBLE WITH ANY DEFENSE UNIT



ARMY



AIR FORCE



NAVY



MARINE CORPS



SPECIAL OPS



SECURITY



INDUSTRY



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ANYTIME



MODULAR.
FLEXIBLE.
EVERY MISSION.



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CONNECT ANY SYSTEM.
ANY PLATFORM.



BUILT TO ADAPT.
BUILT TO WIN.

Our products are developed with combat experience in mind. Only practical solutions that work.

SKY HORNET PRO 10"

FPV DRONE

FRAME

10" Carbon

CAMERA

Day camera (night or thermal camera by special order)

OPERATIONAL PAYLOAD

Up to 4 kg

CONTROL & VIDEO RANGE

Up to 28 km (with direct line of sight and use of relay)

COMBAT FLIGHT RADIUS

20-25 km (including maneuver reserve)

CRUISE SPEED

80-100 km/h

MAXIMUM FLIGHT ALTITUDE

Up to 3 km

CONTROL FREQUENCY

950 MHz with frequency hopping (ELRS),
with other frequency options from 360 MHz to 2.6 GHz

VIDEO FREQUENCY

3.3 GHz or 6.1-7.2 GHz, transmitter power from 2W
(custom frequencies available upon agreement)

MOTORS

900KV

BATTERY

6S3P

ADDITIONAL OPTIONS



Fiber-optic communication
equipment



Release system for various
munition types



Parallel dual-band control



Digital video transmission
system



*Product appearance may differ from the image shown.



MISSION READY
ANYTIME



MODULAR BY DESIGN
EVERY COMPONENT.
EVERY MISSION.



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CONNECT ANY SYSTEM.
ANY PLATFORM.



BUILT TO ADAPT
BUILT TO WIN

FPV PLATFORM

SKY HORNET 7

FPV 7"

ONE PLATFORM.
UNLIMITED POSSIBILITIES.
ADAPT. CONNECT. PERFORM.

Designed for total mission flexibility,
Sky Hornet 7 integrates with a wide range of
modules, payloads, and control systems from
various manufacturers.
Your mission. Your configuration. Our platform.



MAX SPEED
130 KM/H



RANGE
20 KM



MAX PAYLOAD
2.0 KG



FLIGHT TIME
20 MIN

PAYLOAD CAPACITY
UP TO 2.0 KG



VIDEO
SYSTEMS



FLIGHT
CONTROLLERS



DATA
LINKS



PAYLOAD
MODULES



SENSORS



POWER
SYSTEMS



MECHANICAL
ADAPTERS



MISSION
MODULES

PERFORMANCE

MAX SPEED	130 KM/H
CRUISING SPEED	100 KM/H
MAX WIND RESISTANCE	14 M/S
MAX FLIGHT ANGLE	UP TO 45°
DIMENSIONS (W/O PROP)	280 × 280 × 65 MM
WEIGHT (WITH BATTERY)	1300 ± 100 G
MAX FLIGHT ALTITUDE	750 M
OPERATING TEMP.	-20 °C TO +40 °C

CONTROL & VIDEO

CAMERA OPTIONS	
	RTS / 1 / 1.8 1800 TVL
	RTS 1.1 / 5.8 1000 TVL
	RUNCAM PHOENIX 2 SP
	FOXER REX MINI 1200 TVL

DATA LINK

FREQUENCY	3.3 – 3.6 GHz
TYPE	ANALOG / DIGITAL
TRANSMITTER POWER	3 W
CONNECTOR	IPEX / U.FL
RANGE (OPEN FIELD)	20 KM

RC LINK

FREQUENCY	930 – 990 MHz
POWER	2000 mW
RANGE (OPEN TERRAIN)	20 KM
TARGETING	MANUAL CONTROL

POWER & PROPULSION

BATTERY TYPE	LI-ION 6S
BATTERY CAPACITY	8000 MAH
VOLTAGE	25 V
MOTOR OPTIONS	BROTHERHOBBY AVENGER 2806 1300KV FLASHHOBBY 2806 1300KV EMAX ECO II 1300KV
PROPELLERS	7 × 3.5 × 3 / 7 × 4 × 3 / 7 × 4.5 × 3

BUILT TO ADAPT. ANY MISSION. ANY ENVIRONMENT. ANY CONFIGURATION.

COMPATIBLE WITH ANY DEFENSE UNIT



ARMY



AIR FORCE



NAVY



MARINE CORPS



SPECIAL OPS



SECURITY



INDUSTRY



MISSION READY
ANYTIME



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FLEXIBLE.
EVERY MISSION.



UNIVERSAL INTEGRATION.
CONNECT ANY SYSTEM.
ANY PLATFORM.



BUILT TO ADAPT.
BUILT TO WIN.

Our products are developed with
combat experience in mind. Only practical
solutions that work.

SKY HORNET 7

FPV DRONE

FRAME:

7" Carbon

CAMERA:

Day camera (night or thermal camera by special order)

OPERATIONAL PAYLOAD:

Up to 1.5 kg

CONTROL & VIDEO RANGE:

20–28 km (with direct line of sight and use of relay)

COMBAT FLIGHT RADIUS:

20–25 km (including maneuver reserve)

CRUISE SPEED:

70–90 km/h

MAXIMUM FLIGHT ALTITUDE:

Up to 3 km

CONTROL FREQUENCY:

960 MHz with frequency hopping (ELRS),
with other frequency options from 360 MHz to 2.6 GHz

VIDEO FREQUENCY:

3.3 GHz or 6.1–7.2 GHz, transmitter power from 2W
(custom frequencies available upon agreement)

MOTORS:

1300KV

BATTERY:

6S2P

ADDITIONAL OPTIONS



Fiber-optic communication
equipment



Release system for various
munition types



Parallel dual-band control



Digital video transmission
system



*Product appearance may differ from the image shown.



MISSION READY
ANYTIME



MODULAR BY DESIGN
EVERY COMPONENT.
EVERY MISSION.



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CONNECT ANY SYSTEM.
ANY PLATFORM.



BUILT TO ADAPT
BUILT TO WIN

EW-RESILIENT LINK ARCHITECTURE

OPTIONAL CONFIGURATION FOR SUBSEQUENT DELIVERIES

A modular anti-jamming control, telemetry and video ecosystem designed for contested environments.

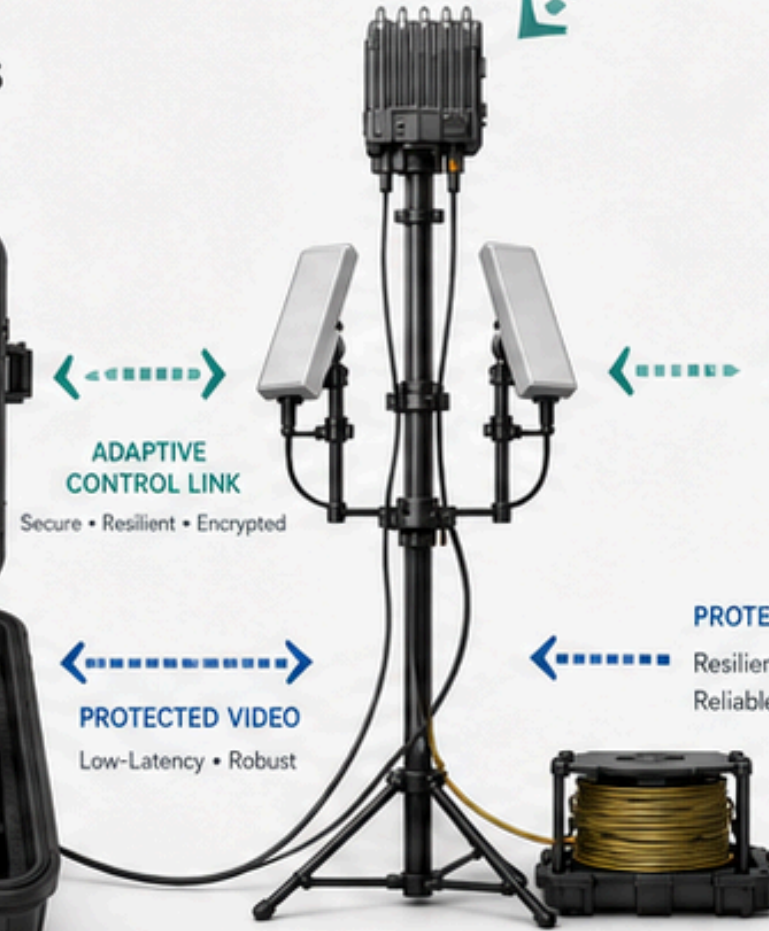


Future deliveries can be supplied with an EW-resilient communications package tailored to customer mission requirements.



GROUND CONTROL STATION

EW-Resilient Command, Control, Telemetry & Video Management



RELAY NODE

Deployable Communications Hub
Extends Reach & Enhances Resilience



AIRBORNE RELAY

Multi-Link Relay Platform
Extends Coverage & Maintains Robust Connectivity



ADAPTIVE CONTROL LINK

Resilient • Encrypted
Auto-Routing



COMBAT FPV PLATFORM

Receives Control & Telemetry
Transmits Live Video
Executes the Mission

ADAPTIVE CONTROL LINK
Secure • Resilient • Encrypted

PROTECTED VIDEO
Low-Latency • Robust

RELAY LINK
Multi-Path • Self-Healing
Anti-Jam • Adaptive

PROTECTED VIDEO
Resilient • Low-Latency
Reliable Delivery

FPV PLATFORM



ANTI-JAM CAPABILITY

Engineered to operate in contested environments



MULTI-LAYER LINK REDUNDANCY

Multiple pathways ensure continuous connectivity



EXTENDED MISSION SUPPORT

Relay-enabled reach and beyond-line-of-sight control



FAST DEPLOYMENT

Rapid setup for dynamic mission scenarios



FLEXIBLE INTEGRATION

Seamlessly integrates with mission-specific payloads and systems

KEY ADVANTAGES

- ✓ Greater resilience in contested RF environments
- ✓ Flexible architecture for customer-specific integration
- ✓ Upgrade path for future mission sets
- ✓ Relay-supported beyond-line-of-sight operations
- ✓ Reduced dependency on a single communication path

SEAMLESS EVOLUTION. MISSION CONTINUITY.



COMPATIBLE WITH EVOLVING OPERATIONAL REQUIREMENTS



ARMY



AIR FORCE



NAVY



MARINE CORPS



SPECIAL OPS



SECURITY

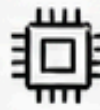


INDUSTRY

BUILT TO ADAPT. ANY MISSION. ANY ENVIRONMENT. ANY CONFIGURATION.



MISSION READY /
SCALABLE
INTELLIGENCE



LOCAL PROCESSING /
SECURE ON-SITE
DATA



FLEET INTEGRATION /
MULTI-DRONE
INPUT



BUILT TO ADAPT /
FUTURE UPGRADE
PATH

LOCAL AI ANALYTICS ECOSYSTEM

OPTIONAL CAPABILITY FOR 3RD DELIVERY / MONTH 3

A local AI-enabled analytics and machine vision architecture for fleet-wide video processing, operational awareness, and future automated target recognition workflows.

DRONE CAMERA INPUT

Live video feeds from the fleet



ANALYTICS DASHBOARD

Operator review, classification, alerts,
and mission awareness

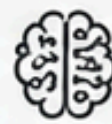


LOCAL AI SERVER

On-site processing,
storage, and analysis



FUTURE UPGRADE PATH



ADAPTIVE MACHINE VISION
Learning-based recognition
and tracking workflows
from mission experience.



**DATABASE-ASSISTED
AUTO-ACQUISITION**
Assisted recognition, acquisition,
and tracking from mission
databases.

AI VISION OUTPUT

Recognized objects, scene indexing,
search, tracking, and database matching



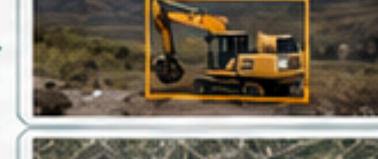
VEHICLES



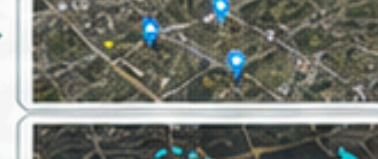
ARMORED
VEHICLES



TRUCKS



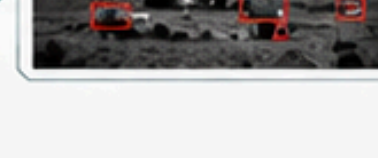
EQUIPMENT



POSITIONS

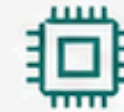


MOVEMENT
PATTERNS



CAMERA
EVENTS

AI VISION PLATFORM



LOCAL AI PROCESSING

No cloud dependency,
on-site analysis



FLEET-WIDE INGESTION

Simultaneous video from
multiple drones



OBJECT RECOGNITION

Detection of vehicles,
equipment, and positions



DATABASE MATCHING

Assisted comparison with
mission databases



ADAPTIVE MACHINE VISION

Upgrade path for recognition and
tracking workflows



FLEXIBLE DEPLOYMENT

Integrates with existing
drone operations

KEY ADVANTAGES

- ✓ Centralized analysis across the drone fleet
- ✓ Local processing for secure environments
- ✓ Faster identification of relevant objects and positions
- ✓ Scalable roadmap for future machine vision tasks
- ✓ Supports operator-in-the-loop decision making
- ✓ Upgrade option from later deliveries

DATA TO DECISION. SCALABLE AI EVOLUTION.

1

BASE PLATFORM



2

VIDEO COLLECTION



Multi-drone
camera feeds

3

LOCAL ANALYTICS



On-site AI analysis
and storage

4

OBJECT RECOGNITION



Indexed scenes,
object classes,
alerts

5

ADAPTIVE VISION



Learning-based
recognition and
tracking

6

AUTO-ACQUISITION SUPPORT



Database-assisted acquisition
workflow for future
mission sets

COMPATIBLE WITH EVOLVING OPERATIONAL REQUIREMENTS



ARMY



AIR FORCE



SPECIAL OPS



SECURITY



INDUSTRY

BUILT TO ADAPT. FROM VIDEO COLLECTION TO LOCAL AI DECISION SUPPORT.



REAL EXPERIENCE
REAL EXPERTS



PRACTICAL TRAINING
MAXIMUM RESULTS



BATTLE-PROVEN
METHODOLOGY



MISSION-FOCUSED
MINDSET

DRONE PILOT TRAINING CENTER

PROFESSIONAL TRAINING.
REAL-WORLD COMBAT EXPERIENCE.

Our Training Center prepares drone pilots for real combat operations under the guidance of experienced instructors with extensive military experience.

We combine advanced theory, hands-on practice, and realistic mission scenarios to develop skilled, confident, and mission-ready operators.

From first-flight fundamentals to complex FPV tactics, our programs are built to meet the demands of modern warfare.



WHAT WE OFFER



FPV DRONE
PILOT COURSES



TACTICAL FLIGHT
TRAINING



COMBAT MISSION
SIMULATIONS



ELECTRONIC WARFARE
FUNDAMENTALS



PAYLOAD & SYSTEMS
TRAINING



MAINTENANCE & FIELD
OPERATIONS



ADVANCED FPV
TACTICS



CERTIFICATION
PROGRAMS



EXPERIENCED INSTRUCTORS

Real military background.
Proven in combat.



HANDS-ON TRAINING

Practice in realistic conditions
with real equipment.



MISSION-READY SKILLS

Train for the battlefield,
not the classroom.



OPERATIONAL EDGE

Gain the skills and confidence
to complete the mission.

TRAINING ENVIRONMENTS



OPEN TERRAIN



URBAN AREAS



FOREST & WOODLAND



WATER & COASTAL



NIGHT OPERATIONS



ADVERSE WEATHER



INDOOR COMPLEXES



LIVE-FIRE AREAS



TRAINED TODAY.
MISSION READY TOMORROW.



REAL EXPERIENCE.
REAL RESULTS.



TRAIN LIKE YOU FIGHT.
WIN LIKE IT MATTERS.



FROM BEGINNER
TO OPERATOR.



SKILLS THAT
SAVE LIVES.

PROFESSIONAL TRAINING.
OPERATIONAL ADVANTAGE.

SAMJET PLATFORM



BB-5 HEAVY LIFT UAV



AI RECONNAISSANCE



COUNTER-UAS & EW



TRAINING & SIMULATION



FPV PLATFORMS & GCS



SAMEL INNOVATION SYSTEMS

NEXT-GENERATION DEFENSE TECHNOLOGIES

**FROM CONCEPT TO DEPLOYMENT.
ONE PARTNER. COMPLETE SYSTEMS.**

Samel Innovation develops and integrates advanced defense-tech solutions for modern operational environments.

Our ecosystem combines autonomous platforms, UAV systems, counter-UAS & EW, AI reconnaissance, turbojet propulsion, and training & mission support to deliver next-generation performance, interoperability and mission readiness.

Engineered in Bulgaria. Built for global missions.



UAV
SYSTEMS



AUTONOMOUS
PLATFORMS



COUNTER-UAS
& EW



AI
RECONNAISSANCE



TURBOJET
PROPULSION



FPV PLATFORMS
& GCS