



TECHNOLOGY · AVIATION · FUTURE



Police - Defense **Systems**

Anti-drone systems | Recon UAVs | Communications | EW | UGVs | Munitions
Full-spectrum capabilities — from detection to engagement.

الجهات الحكومية
GOVERNMENT

الشرطة
POLICE

الأمن
SECURITY

الدفاع
DEFENCE



www.myskies.net



Dubai - UAE



+971 4591 4111



01

ماي سكايز - لمحة تعريفية

MySkies Aviation Company Overview

15+ سنة خبرة
Years Exp

40+ المنتجات
Products

5 قطاعات
Sectors

COMPANY OVERVIEW

MySkies is a UAE Dubai registered establishment with over 15 years of accumulated expertise in the aviation industry. Up-scaling technological innovations using UAVs (unmanned Aerial Vehicles) meeting sustainable development goals. We offer consultations, drone trading, IT and block chain services.

"My Skies is a global aviation consultations hub working on different aviation sectors, specializing in systems design and integration services in national and international markets."

We provide turnkey products and services for aerial projects for large & medium.

نبذة عن الشركة:

ماي سكايز " شركة مسجلة في دبي، الإمارات العربية المتحدة، تتمتع بخبرة تراكمية تزيد عن 15 عامًا في قطاع الطيران. نعمل على تطوير الابتكارات التكنولوجية باستخدام الطائرات بدون طيار (المركبات الجوية غير المأهولة) بما يتماشى مع أهداف التنمية المستدامة. نقدم خدمات استشارية، وتجارة الطائرات بدون طيار، وخدمات تكنولوجيا المعلومات، وتقنية سلسلة الكتل (البلوك تشين).

ماي سكايز " مركز عالمي للاستشارات في مجال الطيران، يعمل في مختلف قطاعات الطيران، متخصص في تصميم الأنظمة وخدمات التكامل في الأسواق المحلية والدولية. نقدم حلولاً متكاملة للمشاريع الجوية الكبيرة والمتوسطة.

02

الرسالة - الرؤية - الهدف Mission - Vision - Message



MISSION

To provide the latest state-of-the-art technology, knowledge and know-how on unmanned Aerial Vehicle (UAV) Drone for surveying, surveillance, remote sensing, and civil law enforcement.

الهدف

توفير أحدث التقنيات والمعرفة والخبرة في مجال الطائرات بدون طيار (UAV) لأغراض المسح والمراقبة والاستشعار عن بعد وإنفاذ القانون المدني.



VISION

To lead and supply the aviation industry with new and updated technology plus ideas to continue the growth of a sustainable future.

المهمة

قيادة وتزويد صناعة الطيران بالتكنولوجيا الجديدة والمحدثة بالإضافة إلى الأفكار لمواصلة نمو مستقبل مستدام.



MESSAGE

My Skies provides aviation consultations, training, advisory and air booking services to airlines, airports, ground service companies, public authorities and international institutions worldwide.

الرسالة

تقدم شركة ماي سكايز خدمات الاستشارات والتدريب والإرشاد وخدمات حجز الرحلات الجوية لشركات الطيران والمطارات وشركات الخدمات الأرضية والسلطات العامة والمؤسسات الدولية في جميع أنحاء العالم.

02

Core Capabilities

Civilian Platforms



Search and Rescue
Accident Response
Crowd Control
Fire Fighting
Monitoring
Inspection

UAV Platforms



Interception (anti-drone)
Strike (ground targets)
Recon (surveillance)
AI / Targeting

Supporting Systems



Electronic Warfare (EW)
Communications
Navigation & targeting
Payload modules
Sensors

A police officer in full tactical gear, including a helmet with a camera and a balaclava, is the central figure. He is holding a red quadcopter drone with both hands. The drone has black propellers and a black camera mounted underneath. The background is a city street with modern buildings, some of which are emitting smoke or steam. The overall tone is serious and technological.

POLICE & CIVILIANCE PLATFORMS

03

POLICE & CIVILIAN PLATFORMS

KTS HL-LA 7 VTOL UAV

MTOW: 54 kg | Payload: 10 kg
Cruise: 31 m/s | Max: 41 m/s
Endurance: 4 hrs | Ceiling: 3,800 m
Wind: Level 6 | Wingspan: 4 m
Petrol engine + electric VTOL rotors



KTS Hunter VTOL

Wingspan: 2,800 mm | Carbon fiber
Takeoff: 22 kg max | Payload: 2–5 kg
Flight time: 1–2 hrs
Professional-grade VTOL aircraft
Advanced ground station compatible



KTS 25B Oil-Drift VTOL

MTOW: 28 kg | Payload: 0.5–5 kg
Cruise: 75–110 km/h | Max: 140 km/h
Endurance: 3–8 hrs (EFI petrol engine)
Ceiling: 6,000 m | Wind: Level 5
GPS autonomous navigation



Transition VTOL UAV

Wingspan: 1,800 mm | EPO material
Max speed: >25 m/s | MTOW: 5 kg
Max payload: 700 g | Ceiling: 3,500 m
Vector Yaw tri-copter design
Waypoint & click-go autonomous flight



Transition VTOL UAV

MTOW: 16 kg | Wingspan: 3,000 mm
Endurance: 10+ hrs (fuel)
Cruise: 20 m/s | Stall: 13 m/s
Rapid deploy: <10 minutes
Carbon composite, open payload bay



MEGA V8 II Pro Multirotor

Material: 3K Carbon Fiber + Ti Alloy
MTOW payload: 5 kg | Weight: 5.8 kg
Flight: 60 min hover / 45 min cruise
Range: 22 km | Video link: 10 km
GPS :0.5 m accuracy | Max: 2,000 m ASL



HELICOPTER UAS CZ - 3

START-UP

Startup mode - Motor starter

MAXIMUM PERFORMANCE

Engine power 34 Hp
Engine type - Water cooling rotary
Fuel 92#Gas

WEIGHT

65 kg
Payload 35 kg

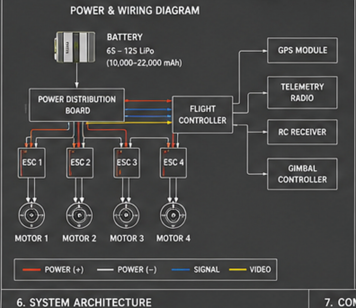
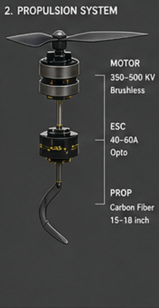
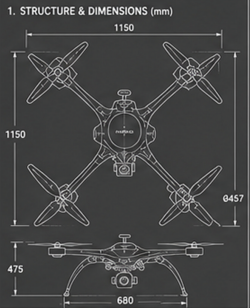
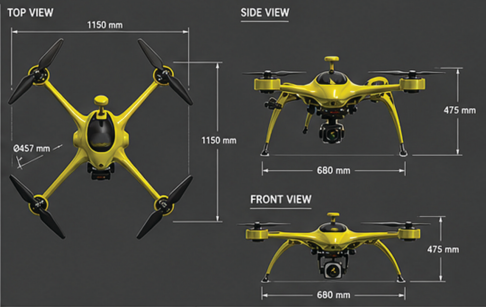
CONTROL

Radius <30 Km
Auto mode | Semi auto



INDUSTRIAL SURVEY / SURVEILLANCE UAV
HIGH PERFORMANCE QUADROTOR PLATFORM

- SPECIFICATIONS
- Material: 3K Carbon Fiber + Al/Ti Alloy
 - Max speed: 18 m/s | Climb: 7 m/s
 - Payload: 5 kg | Weight: 5.8 kg
 - Flight: 60 min hover / 45 min cruise
 - Range: 22 km | Video link: 10 km
 - GPS accuracy: ±0.5 m (V) / ±1 m (H)
 - Max altitude: 2,000 m ASL
- PAYLOAD / SENSORS
- Sony Alpha a7 II: 24.3 MP, 5-axis OIS
 - FLIR Vue Pro R 640: 640x512 thermal
 - 36x optical zoom surveillance camera



3. PAYLOAD & SENSOR SYSTEM (Interchangeable)

SONY ALPHA a7 II

24.3 MP 5-axis OIS Full Frame

FLIR VUE PRO R 640

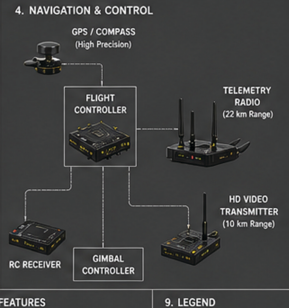
640x512 Thermal Imaging Radiometric

36x OPTICAL ZOOM

36x Optical Zoom Surveillance Low Light

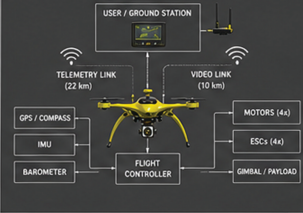
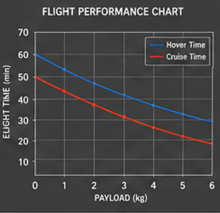
3-AXIS STABILIZED GIMBAL

Vibration Isolation Mount Quick Release Plate Separate Power Rail



5. PERFORMANCE ENVELOPE

➤ Max Speed	18 m/s
➤ Climb Rate	7 m/s
➤ Payload Capacity	5 kg
➤ Max Flight Time (Hover)	60 min
➤ Cruise Flight Time	45 min
➤ Max Range	22 km
➤ Video Link Range	10 km
➤ Max Altitude	2,000 m ASL
➤ GPS Accuracy	±0.5 m (V) / ±1 m (H)

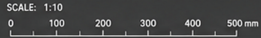


7. COMPONENT LIST

No.	Component	Specification	Qty
1	Frame (Arms + Body)	3K Carbon Fiber + Al/Ti Alloy	1
2	Brushless Motor	350-500 KV	4
3	ESC	40-60A	4
4	Propeller	15-18 inch Carbon Fiber	4
5	Flight Controller	Pishawk / Cube / Similar	1
6	GPS Module	High Precision GNSS	1
7	Battery	6S-12S LiPo (10-22Ah)	1
8	Gimbal	3-Axis Stabilized	1
9	Camera (Options)	See Payload Section	1
10	Telemetry Radio	900 Mhz / 2.4 GHz	1
11	Video Transmitter	HD (10 km Range)	1
12	Landing Gear	High Clearance	1

8. NOTES & FEATURES
- Monocoque carbon fiber arms for maximum strength-to-weight.
 - Quick release payload system for rapid sensor swapping.
 - Vibration isolation for gimbal and sensitive equipment.
 - Redundant systems for mission-critical operations.
 - Optimized for surveying, mapping, inspection, and surveillance missions.
 - Operating Temperature: -10°C to 45°C
 - Wind Resistance: Up to 12 m/s
 - All dimensions in millimeters (mm)
 - Tolerances: ±1 mm unless otherwise specified

9. LEGEND
- POWER (+)
 - POWER (-)
 - SIGNAL
 - VIDEO
 - MECHANICAL MOUNT
 - WIRELESS LINK



04

PAYLOADS & SENSOR SYSTEMS

Sony Alpha a7 II / a7R II

MP / 42.4 MP full-frame Exmor 24.3
axis image stabilization-5
BIONZ X processor | ISO 50–102400
Full HD XAVC S video | E-mount lenses



FLIR Vue Pro R 640 Thermal

uncooled VOx microbolometer 512×640
Spectral band: 7.5–13.5 μm
Lens options: 9mm, 13mm, 19mm
Bluetooth config | iOS/Android app



Dual Sensor IR-EO Gimbal

axis, 360° rotation | +60°/–90° pitch-3 24.3
FullHD 10× zoom (4.9–49 mm)
16MP Sony Exmor module (optional)
FLIR Tau 2 / Vue Pro plug & play



36× Optical Zoom Camera

Resolution: 1920×1080 24.3
Zoom: 36× optical | 12V supply
Rotation: ±330° | Tilt: +45°/–135°
Control precision: ±0.02°



18× Starlight Night Vision

Resolution: 1920×1080 | 18× optical
ISO 100–102400 (starlight sensitivity)
Rotation: ±340° | SD storage
Serial / S-BUS interface



UAV Gas Detection Module

Detects: H₂S, CO, O₂, LEL gases
Stores: 16,000 data groups
O₂: 0–30% | LEL: 0–100%
H₂S: 0–100 PPM | CO: 0–1000 PPM



Airborne LED Lighting System

8× American LED beads | 5,000 lumens
Range: 640 m | 3 hrs operation
Perspective: 40°×68.7°
Modes: low/high/burst flash



UAV Aerial Command Module

Horn: 40–50W | 12V DC
Sound range: 600 m
Wireless: 2–3 km
Pitch direction: –90°



Camera Oblique Mapping-5

5 CCDs | 24.3 MP each (2.12B total)
Pixel size: 3.9 μm | 35 mm focus
Image: 5472×3648 (3:2)
Storage: 320 GB | Min interval: 2 sec



05

LAW ENFORCEMENT DRONE SYSTEM

Smoke Projectile System

6 smoke bombs loaded simultaneously
Single or multiple projectile launch
Effectively disperses illegal gatherings
FPV bottom camera for targeting



Tear-Gas Launcher

9 rounds loaded | Single/continuous fire
1080P HD FPV aiming camera
Controls crowd conflict & processions
Precise aerial targeting capability



Net-Throwing Gun System

Captures target in 10–15 m radius
m² explosion-proof net per shot
9 net guns loaded simultaneously
3 1080P FPV + launch-effect camera



Starlight Night Vision ×18

ISO 100–102400 extreme sensitivity
1920×1080 resolution | ±340° rotation
Captures faces & plates in darkness
SD card storage, serial interface



36× Zoom EO Camera

36× optical zoom surveillance
1920×1080 output | ±330° rotation
±0.02° control precision
Real-time video to command center



Gas Detection Module

H₂S, CO, O₂, flammable gas detection
IP65 protection | Continuous 16,000 logs
CO: 0–1,000 PPM | H₂S: 0–100 PPM
Ideal for hazmat scene assessment



06

ANTI-DRONE

The Anti-drone system is the number one defense system to counter UAVs in modern-day life since it doesn't involve human interaction on the close range also acts as a front-line defense in hostile situations and fragile scenarios. The Counter UAV system is a comprehensive sophisticated system tailored to combat illegal invasions and protecting prohibited locations. The system comprises detecting and jamming along with thermal camera units to perform the anti-measures



SKYSAFE



MOBILE ANTI-DRONE PLATFORM



SKYJAM



MARITIME



SKYBLADE



SHORT RANGE SOLUTIONS

06

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Military & interception PLATFORMS

01

INTERCEPTORS

Model	Max Speed	Range	Endurance	Guidance	Payload	Special
Z4	348 km/h	35 km	20–22 min	Radar + CV + terminal	400–600 g	High-speed
M	310 km/h	10 km	25 min	Manual / basic	0.5 kg	Fast deploy
Y M1	262 km/h	35 km	38 min	Thermal + vision	730 g	Long endurance
AB	280 km/h	35 km	15 min	Radio + video	450–550 g	Anti-jam video
B 3210	175 km/h	5.5 km	-	Beacon + EW-resistant	-	Fixed-wing
B 3210-TN	260 km/h	-	30+ min	Radar + thermal	1 kg	Night / low vis

MSK - I -Z4



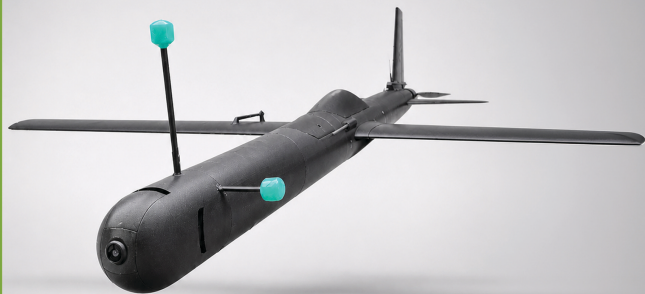
High-speed interceptor for rapid aerial engagement
Designed to engage and neutralize aerial threats (Shahed-136, ZALA, SuperCam)
348 km/h max speed | 35 km range | 20–22 min endurance
Autonomous navigation (radar-based), computer vision targeting,
and terminal guidance for precision engagement.
Configurable payload (400–600 g), remote detonation,
effective radius up to 7 m.

MSK - I -M



High-speed interceptor UAV
Designed to intercept and neutralize aerial threats with
high-speed approach
and short reaction time
☒ Up to 310 km/h max speed | 60 km/h cruise speed
☒ Operational range: up to 10 km
☒ Flight time: up to 25 min (no payload) | 15 min with payload
(up to 0.5 kg)
☒ Operating altitude: up to 1000 m
☒ Rapid deployment: ≤5 min | folding time: ≤3 min
☒ Optimized for mass production and fast scaling

MSK - I-YM1



Extended-endurance interceptor for sustained engagement

Designed to engage strike and reconnaissance UAVs, including Shahed-type threats

262 km/h max speed | 35 km range | 38 min endurance

Warhead: up to 730 g | engagement radius up to 3 m

Stable flight up to 12G, precision maneuvering

Thermal + day vision targeting (640×512)

☒ Catapult launch | Beacon navigation | Return capability

MSK - I-AB



UAV interceptor for day and night operations
Designed for interception of aerial targets and reconnaissance missions

Cruise speed: 140–170 km/h | Max speed: 280 km/h

Operational range: 35 km

Operational altitude: up to 5000 m

Payload: 450–550 g

Flight time: up to 15 min (with explosive)

Dual-frequency radio communication (Strix Air)

Video band switching against jamming ("anti-curtain")

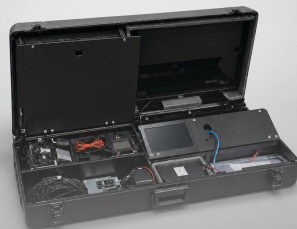
MSK - I-B 3210



Fixed-wing kamikaze-interceptor UAV
Designed for target elimination, air patrol, and neutralizing enemy drones

- ☒ Max speed: 175 km/h | Cruise speed: 80–90 km/h
- ☒ Max tested ceiling: 5500 m
- ☒ Stall speed: 50–55 km/h
- ☒ Climb: 1000 m in 2 min
- ☒ Encrypted FHSS communication
- ☒ Sine-link beacon communication (EW-resistant)
- ☒ One-button automatic landing

MSK - I-B 3210 - TN



UAV interceptor for day and night operations
Designed for interception of aerial targets and reconnaissance missions

- Cruise speed: 140–170 km/h | Max speed: 280 km/h
- Operational range: 35 km
- Operational altitude: up to 5000 m
- Payload: 450–550 g
- Flight time: up to 15 min (with explosive)
- Dual-frequency radio communication (Strix Air)
- Video band switching against jamming ("anti-curtain")

[illegible]

MSK - R -YE A8



Recon UAV for aerial surveillance and target tracking

Designed for reconnaissance and real-time target monitoring

☒ Up to 40 min flight time (no payload) / ~15 min with 2 kg payload

☒ Payload capacity: up to 2 kg

☒ 4K camera with gimbal | 4× optical zoom | HDR imaging

☒ AI-based object detection and tracking

☒ Stable flight performance for observation missions

MSK - R -YE 10



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Up to 40 min flight time (no payload) / ~15 min with 2 kg payload

Payload capacity: up to 2 kg

4K camera with gimbal | 4× optical zoom | HDR imaging

AI-based object detection and tracking

☒ Stable flight performance for observation missions

MSK - R -FPV 17" ISR UAV



Long-endurance reconnaissance drone
Designed for surveillance, observation, and
intelligence gathering

- ☒ Flight time: up to 60 minutes
- ☒ Tactical range: up to 15 km
- ☒ Payload: up to 1 kg
- ☒ Full HD digital camera with 30× zoom
- ☒ Digital RF system (700–1050 MHz control /
5150–5825 MHz video)

MSK - R -B 3210 R



Long-endurance fixed-wing reconnaissance UAV
Designed for continuous observation, artillery adjustment,
and enemy position monitoring

Operational radius: up to 100 km | Max altitude: 5500 m

Flight time: 3+ hours

Max speed: 175 km/h | Cruise speed: 80–90 km/h

10× optical zoom | up to 30× total zoom

Digital camera system for long-range observation

Automatic landing (one-button)

- ☒ Sine-link EW-resistant communication and navigation

03

FPV Platforms

Model	Payload	Range	Speed	Control	Endurance	Role
W 7	2.5 kg	15 km	140	ELRS	15 min	19
W 10	2.5 kg	12 km	60–80	Fiber / RF	15 min	20
W 13	2.5 kg	12 km	60–80	RF	15 min	11
W 15	2.5 kg	12 km	60–80	RF	15 min	22

MSK - F -W7



Tactical FPV Quadcopter

FPV platform for payload delivery and strike missions with flexible configuration

and stable control

Up to 2.5 kg payload | 140 km/h max speed | up to 15 km range

Flight time: 15 min | Tactical range: up to 12 km

ELRS control | multi-band video transmission

Modular configuration for mission-specific payloads

MSK - F -W10



FPV Quadcopter System

With enhanced resistance to electronic warfare and stable communication

Up to 2.5 kg payload | 60–80 km/h cruise | up to 12 km range | 15 min endurance

Stable control and video under EW conditions

Fiber-optic communication link: up to 10–20 km

Ultra-low latency: ≤ 50 ms

Rapid deployment: < 7 min

MSK - F -W13



Heavy-Duty FPV Quadcopter

Platform designed for stable operation and increased payload efficiency

Up to 2.5 kg payload | 60–80 km/h cruise | up to 12 km range | ~15 min endurance

Stable flight performance and precision control
Modular configuration for different payload types
Adaptable platform for mission-specific setups

MSK - F -W15



Advanced FPV Quadcopter System

FPV platform for complex strike missions with maximum operational efficiency

Up to 2.5 kg payload | 60–80 km/h cruise | up to 12 km range | ~15 min endurance

Optimized for high-performance strike scenarios
Reliable control in demanding operational conditions
☒ Supports extended mission configurations

04

FPV Kamikaze

Model	Payload	Range	Control	Endurance	Role
FPV 7" Shrapnel	1.5 kg	15 km	RF	20 min	Area strike
FPV 7" UAV	2 kg	15 km	RF	20 min	Strike
FPV 10" UAV	2 kg	15 km	RF	20 min	Heavy strike
FPV 15" Fiber	4 kg	20 km	Fiber	20 min	EW env

MSK - FPV 7" SHRAPNEL



FPV kamikaze drone with integrated shrapnel warhead
Carbon fiber drone with in-house engineered power and control systems

Payload: 1.5 kg pre-fragmented shrapnel warhead

Lethality radius: 20–40 meters

Tactical range: up to 15 km

Flight time: up to 20 minutes

Operational altitude: up to 1000 meters

Dual-band control receiver (360 MHz / 2.4 GHz)

Video transmission: 4.9 – 6.1 GHz | 3W

MSK - FPV 7" UAV



FPV kamikaze drone
Carbon fiber airframe and in-house assembled battery system

Payload: effective 1.5 kg | max up to 2 kg

Tactical range: up to 15 km

Flight time: up to 20 minutes

Operational altitude: up to 1000 meters

Dual-band control (360 MHz / 2.4 GHz)

Video transmission: 4.9 – 6.1 GHz

MSK - FPV 10" UAV



FPV kamikaze drone
Carbon fiber platform with in-house battery system
Payload: effective 3 kg | max up to 4 kg
Tactical range: up to 15 km
Flight time: up to 20 minutes
Operational altitude: up to 1000 meters
Dual-band control (360 MHz / 2.4 GHz)
Video transmission: 4.9 – 6.1 GHz

MSK - FPV 15" FIBER UAV



FPV kamikaze drone with fiber optic control
Equipped with integrated fiber-optic communication system
Fiber optic communication range: up to 20 km
Payload: up to 4 kg
Flight time: up to 20 minutes
Operational altitude: up to 1000 meters
Thermal camera optional (640×512)

05

STRIKE / BOMBER / LOITERING

Model	Payload	Range	Type	Endurance	Role
G B 10	2 kg	-	Loitering	40 min	Precision strike
H X9	10 kg	30 km	Drop	25-60 min	Heavy strike
G	5 kg	12.5 km	Drop / mining	-	Tactical
FPV Bomber	10 kg	6 km	Drop	12 min	FPV bomber
S S15	2 kg	25+ km	Reusable	6 hours	Long mission

MSK - S - G B 10



Loitering strike UAV
For ground target engagement
Up to 40 min flight time (no payload) | 20 min with 2 kg payload
Payload capacity: up to 2 kg
Configurable camera: day or thermal options
Designed for precision strike missions

MSK - S - H X9



Heavy Strike UAV
For payload delivery and precision drop missions
Up to 10 kg payload | 25 min flight time (loaded) | up to 60 min without payload
Long-range communication: up to 30 km (digital link)
Dual camera system: HD + thermal (640×512)
GNSS with anti-spoofing protection
Payload release system for heavy munitions

MSK - S - G



Tactical bomber UAV

For payload delivery and precision drop missions

Payload: up to 5 kg | max takeoff weight: 11.4 kg

Range: Tactical - up to 12.5 km | Communication - up to 45 km
Supports payload delivery, remote mining, and cargo transport

Modular design for rapid maintenance and configuration

Autonomous return-to-home (signal loss safe mode)

Optical stabilization for GPS-denied environments

MSK - S - FPV BOMBER UAV



Tactical FPV bomber

Designed for precision payload delivery

Payload: up to 10 kg

Tactical range: up to 6 km

Flight time: up to 12 minutes

Optical stabilization system

Dual battery system

MSK - S S15



Reusable UAV platform for precision strike missions

For operations in GPS-denied and EW environments

☑ Operational range: 25+ km |
Payload: up to 2 kg

☑ Flight time: up to 6 hours

☑ Guaranteed return-to-base capability

☑ Navigation without GPS/GNSS (optical odometry)

☑ Hybrid communication: LoRa +
LTE / 4G

☑ Automatic channel switching |
AES encryption

06

SYSTEM / SUPPORTS

Model	Type	Function	Key Value
P	AI module	Autonomous targeting	Works in EW
A	Navigation	GPS-denied navigation	Stable control
FPV 17" Relay	UAV relay	Signal extension	Range boost
S Air System	Comms	Anti-EW communication	Dual frequency
DZ UAS	Platform	Multi-role UAV	Heavy payload
Longstand	Energy	Batteries	Autonomy

MSK - SS - P



AI targeting module for autonomous strike
Provides autonomous targeting under EW and degraded communication

Field-tested | Production-ready
Autonomous terminal targeting under EW conditions
Operates during signal loss / degraded link
Increases engagement success rate
Designed for ground targets only

MSK - SS - A



Integrated navigation and communication architecture for extended-range UAV operations
Designed to ensure stable control, positioning, and video transmission in contested and GPS-denied environments

MSK - SS - FPV 17" RELAY UAV



Aerial communication relay platform
Designed to extend control signal and video transmission range
Flight time: up to 60 minutes
Tactical range: up to 15 km
Payload: up to 1 kg
Dual-band control (360 MHz / 2.4 GHz)
Optical stabilization system

MSK - SS -S AIR SYSTEM



Dual-frequency communication system for UAV operations

Designed to ensure stable control and video transmission in EW environments

Frequency range: 200 MHz – 2.9 GHz

Simultaneous operation on two radio frequencies

Video band switching against jamming

Operational range: 30+ km

Ground control stations and relay systems

Compatible with third-party UAVs

MSK - SS - DZ UAS



Universal unmanned aerial system platform
A fully modular, multi-role UAS platform designed for flexible adaptation across various mission profiles and payload configurations

Endurance: up to 8 hours

Flight range: up to 1,600 km | Operational ceiling: 3,500 m

MTOW: 100 kg

Payload capacity: up to 65 kg

Runway requirement: minimum 50 m

Cruising speed: 150–260 km/h | Top speed (jet): up to 450 km/h

MSK - SS LONGSTAND BATTERY SOLUTIONS



Autonomous energy systems for UAVs and defense applications

Next-generation batteries (Li-ion, Li-S)

Autonomous power modules for UAVs and systems

Integration with navigation and control

Supercapacitors for high peak loads

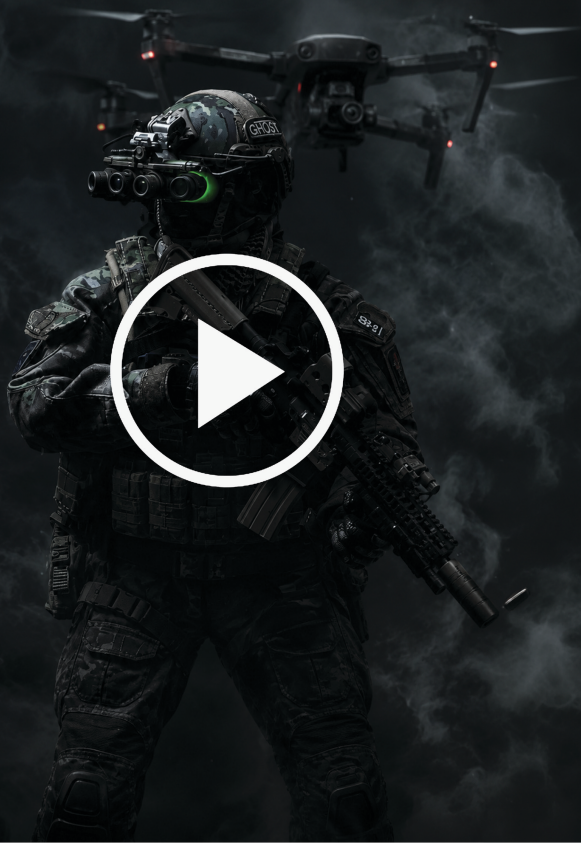
Graphene-based battery components

Carbon aerogels for energy and insulation

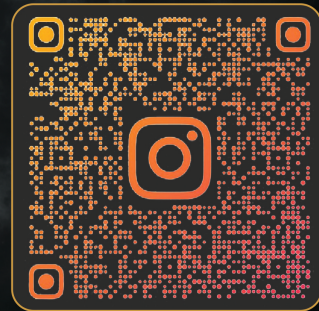
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للتواصل والاستفسار | Contact Us

info@myskies.net

+971 4 591 4111

www.myskies.net - www.myskies.com

Office 505, Saheel 1 Tower, Ittihad Road, Nahda 1, Dubai, UAE