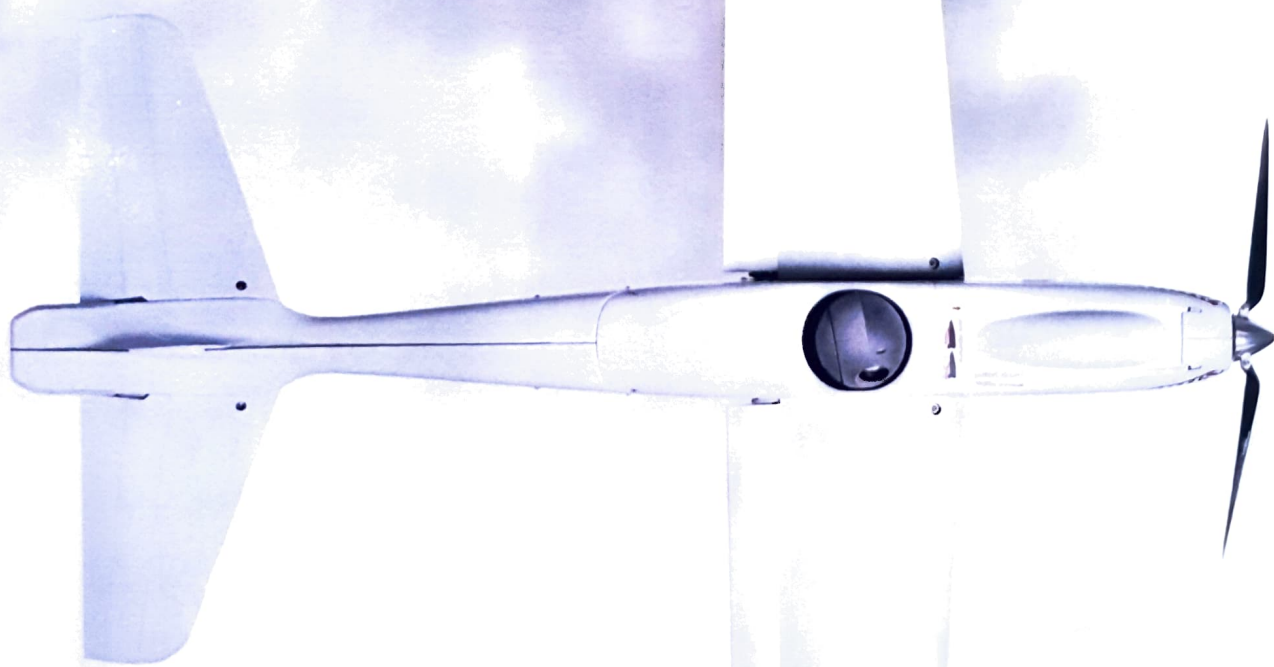


# RECONNAISSANCE SYSTEMS



UKRSPEC  
SYSTEMS

# UAS PD-2E

PD-2E unmanned aerial system is designed to perform various tasks across a wide geographical range. The system is equipped with advanced technologies: encryption, modern payloads and anti-jamming technology.

## KEY FEATURES:

- Target coordinate determination
- Secure communication
- Real-time reconnaissance
- Low acoustic footprint



Maximum speed  
Cruise speed  
Altitude  
Range  
Payload  
Wingspan  
Length  
Weight

Max speed  
Cruise speed  
Altitude  
Range  
Payload  
Wingspan  
Length  
Weight

Fixed-wing  
Max speed  
Cruise speed  
Altitude  
Range  
Payload  
Wingspan  
Length  
Weight



# GIMBAL USG-405

STAR USG-405 is designed for UAVs, small fixed-wing aircraft, helicopters, autogyros, and balloons. It's perfect for long-duration surveillance, search and rescue, and other security applications.

## KEY FEATURES:

- Scene lock
- Digital video stabilization
- Object tracking
- Onboard recording
- Anti-fog

Resolution

IR-AIS

LRF

Size

Weight

5000 ft with 30x optical zoom and 4x digital zoom

1/2" motor zoom focus

Laser rangefinder with a measurement range of up to 1000 ft

500, 2700 x 10

64 x 64



## WHAT'S INCLUDED:

1. Network hub with backup battery
2. Remote operator control station
3. Payload operator (operator) & (operator) station
4. Tracking antenna unit
5. Antenna mount
6. Power generator



# UAS SHARK

SHARK UAS is a perfect multifunctional unmanned aerial system for a wide range of missions. SHARK combines field-proven technologies and rich experience of UAVs application. SHARK UAS provides the possibility for fully autonomous reconnaissance, surveillance, clear identification, and recognition from a long distance at considerable altitude.

## KEY FEATURES:

- Target coordinate determination
- Secure communication
- Real-time reconnaissance

TV and video surveillance



Endurance	4 h
Comunication range	Up to 80 km
MTOW	12,5 kg
Maximum payload weight	11 kg
Wingspan	5 m
Maximum ceiling	3000 m
Takeoff and landing	Catapult takeoff and parachute landing

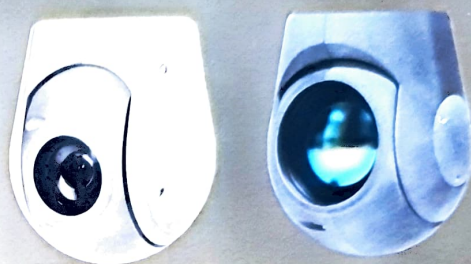


# GIMBALS

The camera systems **USG-231** and **USG-231T** offer the capability for observation, clear identification, and recognition from long distances and at significant altitudes.

## KEY FEATURES:

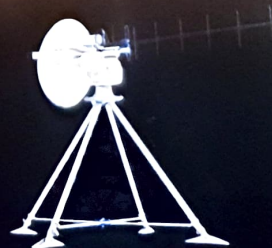
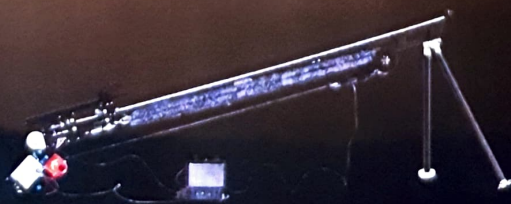
- Digital video stabilization
- Object tracking
- Onboard recording



	USG-231EO	USG-231T IR
Sensor type	Day-view camera Full HD	Thermal imaging module
Optical zoom	30x	
Digital zoom	4x	4x
Size	109x147 mm	109x144 mm
Weight	600 g	690 g
Rotation angles:	-190°...0°...+190°	360° rotation

## WHAT'S INCLUDED:

- SHARK UAV
- Advanced camera system
- Powerful launch system
- UAV operator control station (laptop with software)
- Antenna tracker
- 5m mast
- Quadpod
- Power generator
- Spare parts and equipment






# UAS MINI SHARK

MINI SHARK is our most compact and lightweight fixed-wing UAV. It's a convenient portable system that can be taken anywhere. Equipped with the same advanced technologies as our other UAVs, MINI SHARK is ready to tackle most tasks that its larger counterparts handle, but in a smaller factor.

## KEY FEATURES:

- The system fits into 2 backpacks
- Hand-launch
- Automatic belly landing



Endurance	2 h
Communication range	Up to 30 km
MTOW	5 kg
Maximum ceiling	3000 m
Wingspan	2,6 m
Flight route	110 km
Takeoff and landing	Hand launch and automatic belly landing



# GIMBALS

The USG-261 and USG-261T camera systems are compact payloads designed specifically for small UAVs of any configuration.

## KEY FEATURES:

- Digital video stabilization
- Object tracking
- Onboard recording

	USG-261 EO	USG-261T IR
Sensor type	Day-view camera Full HD	Thermal imaging module
Optical zoom	10x	
Digital zoom	3x	4x
Size	90x119 mm	90x128 mm
Weight	300 g	390 g
Rotation angles	-190°...0°...+190°	360° rotation

# MOBILE CONTROL STATION

- UAV control laptop
- Ground communication equipment
- Portable battery station
- Tripod