

POYRAZ QUADCOPTER DRONE



POYRAZ

POYRAZ is an Autonomous Quadcopter Drone that can take off and land vertically.

PRODUCT FEATURES

- ▶ Runway-Independent Autonomous Vertical Take-Off and Landing
- ▶ Day or night, Reconnaissance, Surveillance and Intelligence
- ▶ Wind Limit 15 kts
- ▶ Cruise Speed 30 km/h
- ▶ Ceiling Speed 45 km/h
- ▶ Ceiling Altitude 8,200 ft (AMSL)
- ▶ Operating Altitude 1,200 ft (AGL)
- ▶ Body Width 80 cm
- ▶ EO/IR/LRF Optional Payload
- ▶ MTOW: 9 kg
- ▶ Payload Capacity up to 1.5 kg
- ▶ Endurance up to 50 Minutes
- ▶ Ability to be transported and operated by a single person
- ▶ Fully autonomous mission capability
- ▶ Return Home, Autonomous Landing in Case of Link Loss
- ▶ Be up and running in seconds
- ▶ Operating Temperature: -10°C - +50°C
- ▶ Data Link Range: Up to 10 km

DAY CAMERA FEATURES

- ▶ 30X Optic Zoom, 4X Digital Zoom
- ▶ FHD 1080p video resolution
- ▶ 3-axis and 360° gimbal
- ▶ Data storage with SD card
- ▶ Weight 895 g



APPLICATION AREAS

- ▶ Tracking, Detection and Area Protection
- ▶ Intelligence
- ▶ Electronic Warfare
- ▶ Coastal and Border Security
- ▶ Energy Transmission and Oil-Gas Lines Inspection
- ▶ Anti-Smuggling and Anti-Terrorism
- ▶ Public order
- ▶ Narcotic Plant Detection
- ▶ Residential Thermal Measurement
- ▶ Forest Fire Management
- ▶ Post Disaster Assessment
- ▶ Bilge and Environmental Pollution Detection
- ▶ Agricultural Applications
- ▶ Cartography

THERMAL CAMERA FEATURES

- ▶ 4X Digital Zoom
- ▶ 480p Video Resolution
- ▶ 3-axis and 360° gimbal
- ▶ Data storage with SD card
- ▶ Weight 912 g



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