



# PATRIOT X4

Precision. Endurance. Intelligence

# UNCOMPROMISED ENDURANCE

The Intelligent Heavy-Lift UAV Built for LiDAR, Surveying, and Industrial Inspection.

Fly longer. Cover more ground. Capture more data.



## 60+ Minute Flight Time

Optimized power management enables extended missions even with a 4 kg payload.

## Heavy-Lift Capability

Carry up to 8 kg of sensors and payloads including LiDAR, photogrammetry, and inspection equipment.

## TECHNICAL SPECIFICATIONS

Feature	Metric	Imperial
Dry Weight	7.3 kg	16 lbs
Max Takeoff Weight	21 kg	46.3 lbs
Max Payload	8 kg	17.6 lbs
Flight Time	60+ minutes	60+ minutes
Wind Tolerance	40 km/h	25 mph
Battery	Up to 40Ah	12S LiPo
Communication	Secure Encrypted Link	Secure



# TOTAL SITUATIONAL AWARENESS

## THE DUAL GPS ADVANTAGE

The PATRIOT X4 uses Dual GPS heading determination, calculating orientation using satellite geometry instead of magnetism.

- No compass calibration
- Stable flight near infrastructure
- Reliable heading accuracy

# ADVANCED FPV CAMERA

Gain total situational awareness with a three-way live imagery system. Our on-board FPV camera provides crystal-clear feeds at three critical angles:

- Forward: For safe navigation and obstacle awareness.
- 45 Degrees Down: Perfect for approach and localized inspection.
- Nadir (Straight Down): For precision positioning and vertical oversight.

## WAGAN Controller

### Features:

- IP55-rated enclosure for field conditions
- Customizable buttons
- Up to 5 hours of runtime
- Transmission range up to 12 miles



## BLUE Herelink Controller

### Features:

- 5.46 inch touchscreen, 1,000 NITS
- Built-in 4,950 mAh Li-ion battery
- Customizable buttons and wheel
- 2.4 GHz frequency
- Transmission range up to 12 miles



**Evolution  
Flight**

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