

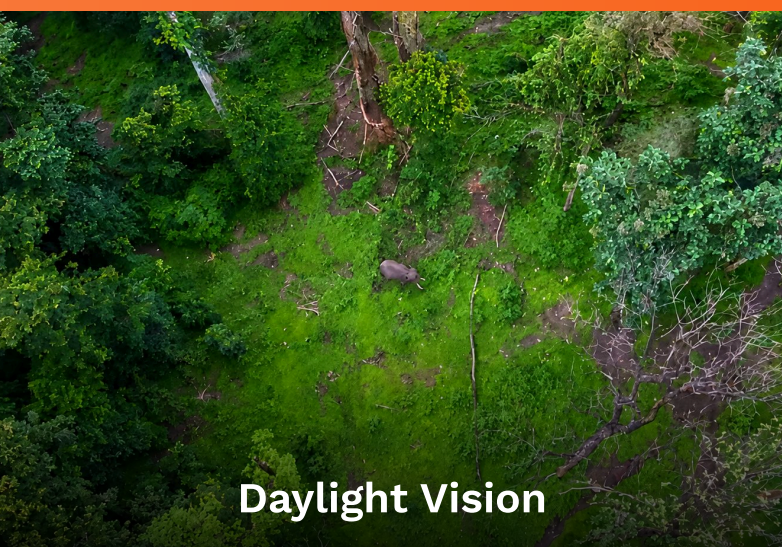
axl Peregrine

Sturdy, long-lasting carbon fiber quadcopter airframe, crafted with precision and passion, offers an exhilarating journey into the realm of aerial innovation.



Features

- Made from durable and lightweight Carbon fiber with aircraft grade aluminium joints
- Versatile, easy to maneuver, and convenient for transport and operation.
- Supports high-resolution 4K imaging and thermal camera capabilities for detailed aerial inspection and monitoring.
- 45+ minutes of extended flight endurance with **axl everfly** 6S 12000mAh LiPo battery
- **axl OneView** radio controller with 10 km range
- **axl Flight Controller** for greater flight stability and data processing
- **axl Orbit** multi GNSS system for accurate positioning and navigation



Daylight Vision



Thermal Vision

Software Compatibility

Capable of Networked Drone formation and peer to peer or mesh network. One or more powerful Remote controllers with full video streaming and play back capability. Proprietary axldrone software solutions for video and data streaming on laptop and internet

Capabilities



Aerial
Photography



Aerial
Surveillance



Survey and
Mapping



Inspections



Inventory Tracking
and Analysis

Applications

- Defence, Police, Border and Forest Surveillance
- Industrial Security and Inspection
- Disaster Management
- Aerial Motion Picture Photography
- Logistics and Warehouse Management

Specifications

Frame Configuration	Quadcopter
Frame Construction	Carbon Fibre, Aircraft-grade Aluminium
Endurance	45 minutes
Range	10 Kms
Max Speed	25 m/s
Maximum operating altitude	4,000 ft
Onboard Cameras	4K 3-Axis Gimbal Camera with 6x Digital Zoom/ Thermal and 2K HD Camera
Internal Storage	64 GB (Expandable MicroSD Class 10 up to 128GB)
Control	axl OneView
Positioning	axl Orbit GNSS Receiver
Power System	axl everfly 12000mAh 6S Lithium Polymer Battery
Propulsion	BLDC Motor & 15’ Folding Propeller
Weight	3.5 kg
Dimensions	866 × 857 × 225 mm (L × W × H)



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