



F400

Large Industrial Drone platform capable of max takeoff weight 11 Kg and above.

Ideal for Disaster & Rescue Management, Agriculture, Surveillance & Mapping, Field survey, Cinematography.



Flexible

F400 series is uniquely designed for carrying a wide range of payloads while providing stable flight take-off & landing from rugged terrains. Owe exceptional versatility and precision across various industries & operating locations.



Purpose Built for Industrial & Professional Use

Carbon fiber & aircraft grade aluminum frame offer a lightweight but sturdy frame that comes with a variety of attachments for industrial and professional equipment.



Custom Integrations

F400 drone platform is ready for your custom integration needs. The drone can be extendable in payload carrying capacity, adapters, attachments and connectors for various equipment that are supplied by axldrone or by customer. Our professional services team will design and fit any hardware. Our RC, Ground Control & Cloud platform is capable of any payload data integration or we develop customer APIs & integration points.



Payload Options

- High power Lights - 68K Lumens
- Thermal Imaging Cameras
- Thermographic Bullet Camera
- Medical & Drone Compatible Delivery Boxes
- Survey & Mapping Payloads
- Communication Systems & Repeaters
- Multispectral or Hyperspectral Sensors
- Magnetometer



Who Are We

Axldrone is a leader in industrial drone solutions with purpose built drones, powerfull avionics and ground control software. With more than a decade of R&D and project execution experience worldwide, axldrone provide end to end drone solutions for professional and industrial segments.



DGCA Type Certified

Aircraft

Propeller	: 22*6.6 inch Carbon fiber Propeller
Max Take of weight	: 11.5 kg
Max Ascent Speed	: 5 m/s (Controlled by AXL flight Control firmware)
Max Descent Speed	: 5 m/s (Controlled by AXL flight Control firmware)
Max Speed	: 10 m/s (Controlled by AXL flight Control firmware)
Max Range	: 5km
Max Operating Altitude	: 3280 feet (1000 m)
Max Flight Time	: 18-20 minutes without payload
Max Wind Resistance	: 7 m/s
Operating Temperature Range	: 32° to 104° F (0° to 40° C)
Satellite Positioning Systems	: GPS / GLONASS

Remote Controller

Operating Frequency	: 2.4 GHz to 2.483 GHz
Storage	: 8Gb
Transmission Distance	: 12 km
Image Resolution	: 720p@30fps 1080p@30/60fps
Receive Sensitivity	: -99dBm@20MHz BW
Recovery	: 1s
Screen Size	: 5.46 inch

Camera Payload

Resolution	: 2k 30fps
Lens	: 10x optical zoom
Gimble Control	: 3 Axis

Flight Battery

Capacity	: 22000 mAh
Voltage	: 22.2 V
Battery Type	: LiPo 6S 22000mAh

Other Options

- Infrared Precise temperature measurement
- High Precision Target Detection & Recognition
- High-Risk Operation Assistance
- Laser-Focused Ranging & Positioning
- Megaphone system with Anti-howling Design



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