

SI 210



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GSTIN:06AASC52792N1ZG

SI210 TRAINING DRONE

Description:

Brushless Foldable Training UAS

The SI210 is a lightweight and foldable quadcopter specifically designed for flight training and educational purposes. Powered by efficient 1503 Brushless Motors, it offers stable flight performance and durability. The drone features a Dual Camera system with Optical Flow Positioning for enhanced stability, making it easier for beginners to control. It supports intelligent app-based features such as gesture photography, gravity sensing, and trajectory flight. With a compact, foldable design and a weight of just 130g, it is highly portable and safe for training environments.

Key Features:

Brushless Power: Equipped with 1503

Brushless Motors for quieter, more powerful, and durable operation⁶. **Dual**

Camera System: Features a front and bottom camera setup for varied viewing angles (Vertical/Horizontal/Top view).

Optical Flow Positioning: Provides stable hovering and precise control, essential for training.

Compact & Foldable: Easily folds to a size of 13*7.5*5.7 cm for transport.

Smart Flight Modes: Includes Headless Mode, 360° Roll, Intelligent Follow, and Trajectory Flight.

Gesture Control: Supports automatic photo/video recognition within 1-3 meters.

App Integration: Features WiFi signal transmission for real-time image

Colour :Black return on mobile devices.

Technical Specifications:

Feature	Specification
Motor Type	1503 Brushless Motor
Dimensions (Unfolded)	16*20*5.7\$ cm
Dimensions (Folded)	13*7.5*5.7 cm
Weight	140g (including battery)
Body Material	Plastic / Metal / Electronics
Flight Time	10 - 11 minutes
Battery	3.7V 600mAh Lithium Module
Charging Time	Approx. 60 minutes
Remote Control Distance	80 - 100m (No interference)
Image Transmission Range	20 - 30m (WiFi)
Camera Configuration	Dual Camera (Front & Bottom)
Camera Angle	90° Manual Adjustment
Photo Resolution	4096*2016



QX450

SIHAG
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QUADCOPTER QX450

Description:

Tactical Training & Surveillance UAS

The Quadcopter QX450 is a compact and resilient rotary-wing platform specifically engineered for pilot training and short-range operations. With a lightweight design of approximately 1.5 kg, it offers a stable learning platform while retaining essential autonomous capabilities. The system features a 720p Camera for visual feedback and supports a payload of up to 500g. Designed for durability and ease of use, it includes critical safety features such as Battery Failsafe and Return-to-Home (RTH), making it an ideal choice for institutional training and light reconnaissance missions.

Key Features:

Training Optimized: Perfectly suited for flight training and skill development.

Compact Form Factor: Dimensions of 450* 450*100mm for easy transport.

Payload Versatility: Capable of carrying payloads up to 500g.

Operational Endurance: Flight time of 15 – 20 minutes per session.

Technical Specifications

Handles wind speeds of 15-20 km/h.

Safety Protocols: Equipped with Battery Failsafe and Return-to-Home (RTH) protection.

Autonomous Navigation: Supports Waypoint mission planning.

Visual System: Integrated 720p Camera with a live video range of 2 Km.

Standard Control: Operated via a GCS (RC) without an inbuilt screen (requires external display).

Technical Specifications:

Feature	Specification
Dimensions	450*450*100 mm
Weight	1.5 Kg
Payload Capacity	Up to 500g
Flight Time	15 – 20 minutes
Flight Range	2 Km
Live Video Range	2 Km
Wind Resistance	15 - 20 km/h
Camera	720p Resolution
Ground Control Station (GCS)	Standard RC (Without In-built screen)
Flight Modes/Features	Battery Failsafe, Return-to-Home (RTH), Waypoint Navigation
Primary Purpose	Training / Light Surveillance





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QUADCOPTER QX650

Description:

Tactical Surveillance UAS

The Quadcopter 650 is a versatile rotary-wing platform designed for reliable surveillance and reconnaissance missions. Constructed with a lightweight yet durable carbon fiber frame, this drone offers an exceptional balance of stability and agility. It features a high-resolution 4K Day Camera for crystal-clear imaging and boasts an impressive flight time of up to 40 minutes. The system is equipped with advanced safety features, including Low Battery Return-to-Home (RTH) and waypoint navigation, controlled via a ground station with an integrated screen for ease of use.

Key Features:

Robust Construction: Built with a high-strength Carbon Fiber body for durability and weight reduction.

High-Definition Imaging: Equipped with a 4K Day Camera for superior visual intelligence.

Extended Endurance: Operational flight time of 35 – 40 minutes.

Long-Range Operation: Flight and video transmission range of 5 Km.

Smart Safety: Features Low Battery Return-to-Home (RTH) to prevent loss.

Autonomous Navigation: Supports Waypoint mission planning.

Integrated Control: Ground Control Station (RC) includes a built-in screen for real-time monitoring.

Technical Specifications:

Feature	Specification
Dimensions	650* 650*300 mm
Weight	3 KG
Body Material	Carbon Fiber
Flight Time	35 – 60 minutes
Flight Range	5 Km
Video Transmission Range 5 Km	
Camera	4K Day Camera
Ground Control Station	RC with In-built screen
Flight Modes/Features	Low battery RTH, Waypoint navigation
Wind Resistance	35 – 40km\h





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HEXACOPTER HX680

Description:

Heavy-Lift Tactical Multi-Rotor System

The Hexacopter HX680 is a powerful six-rotor UAS designed for superior stability and payload versatility. Engineered with a rigid Carbon Fiber frame, this platform offers enhanced redundancy and flight smoothness compared to standard quadcopters. It can carry heavier payloads up to 1.5 kg while maintaining a long operational endurance of 35 to 40 minutes. The system integrates a high-resolution 4K Day Camera for precision surveillance and includes advanced autonomous safety protocols like Low Battery Return-to-Home (RTH) and Waypoint navigation, all managed via a Ground Control Station with an in-built screen.

Key Features:

Six-Rotor Stability: Hexacopter configuration provides superior stability and wind resistance.

High Payload Capacity: Capable of carrying payloads up to 1.5 kg for diverse mission requirements.

Durable Build: Constructed with a high-strength Carbon Fiber body.

Extended Endurance: Operational flight time of 35 – 40 minutes.

High-Definition Imaging: Equipped with a 4K Day Camera for clear visual data.

Reliable Range: Flight and video transmission radius of 5 Km.

Smart Safety: Features Low Battery Return-to-Home (RTH) to ensure safe recovery.

Autonomous Navigation: Supports Waypoint mission planning.

Integrated Control: Ground Control Station (RC) includes a built-in screen for real-time monitoring.

Technical Specifications:

Feature	Specification
Dimensions	680*680*300 mm
Weight	3.5 KG
Payload Capacity	Up to 1.5 KG
Body Material	Carbon Fiber
Flight Time	35 – 40 minutes
Flight Range	5-15 Km
Video Transmission Range	5-15 Km
Camera	4K Day Camera
Ground Control Station	RC with In-built screen
Flight Modes/Features	Low battery RTH, Waypoint navigation
Wind Resistance	35-40 km/h



HX680(with search light payload)



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HEXACOPTER HX680(with search light payload)

Description:

Heavy-Lift Tactical Multi-Rotor System

The Hexacopter HX680 is a powerful six-rotor UAS designed for superior stability and payload versatility. Engineered with a rigid Carbon Fiber frame, this platform offers enhanced redundancy and flight smoothness compared to standard quadcopters. It can carry heavier payloads up to 1.5 kg while maintaining a long operational endurance of 35 to 40 minutes. The system integrates a high-resolution 4K Day Camera for precision surveillance and includes advanced autonomous safety protocols like Low Battery Return-to-Home (RTH) and Waypoint navigation, all managed via a Ground Control Station with an in-built screen.

Key Features:

Six-Rotor Stability: Hexacopter configuration provides superior stability and wind resistance.

High Payload Capacity: Capable of carrying payloads up to 1.5 kg for diverse mission requirements.

Durable Build: Constructed with a high-strength Carbon Fiber body.

Extended Endurance: Operational flight time of 35 – 40 minutes.

High-Definition Imaging: Equipped with a 4K Day Camera for clear visual data.

Reliable Range: Flight and video transmission radius of 5 Km.

Smart Safety: Features Low Battery Return-to-Home (RTH) to ensure safe recovery.

Autonomous Navigation: Supports Waypoint mission planning.

Integrated Control: Ground Control Station (RC) includes a built-in screen for real-time monitoring.

Technical Specifications:

Feature	Specification
Dimensions	680*680*300 mm
Weight	3.5 KG
Payload Capacity	Up to 1.5 KG
Body Material	Carbon Fiber
Flight Time	25 - 30 minutes
Flight Range	5- Km
Video Transmission Range	5-15 Km
Camera	4K Day Camera
Ground Control Station	RC with In-built screen
Flight Modes/Features	Low battery RTH, Waypoint navigation
Wind Resistance	35-40 km/h



OX650



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OCTACOPTER (OX650)

Description: Heavy-Lift Strategic Surveillance & Delivery UAS

The Octocopter is a high-stability, eight-rotor platform designed for the most demanding tactical and industrial missions. It provides unrivalled motor redundancy, ensuring the aircraft can maintain controlled flight and land safely even in the event of a partial motor failure. Built with a reinforced **Carbon Fiber** frame, this heavy-lift UAS is optimized for carrying logistics payloads up to **2 kg** with exceptional endurance. Its high-torque propulsion system is engineered for stability in high-wind environments, making it a reliable choice for long-duration operations.

Key Features:

Eight-Rotor Redundancy: Provides maximum safety and mission reliability by allowing continued operation if a rotor malfunctions.

Exceptional Endurance: Delivers an impressive 60-minute flight time with a full 2 kg payload, ideal for sustained delivery or surveillance.

High Payload Capacity: Specifically engineered to carry up to 2 kg of tactical equipment, specialized sensors, or medicine.

Mission Optimized: Features a flight time of 45 minutes in high-agility configurations, balanced for rapid response and reconnaissance.

Superior Stability: The octo-configuration ensures ultra-smooth footage and precision hovering even in gusty weather conditions.

Smart Safety Protocols: Includes autonomous Low Battery Return-to-Home (RTH), waypoint navigation, and signal loss failsafe.

Technical Specifications:

Feature	Specification
Dimensions	750 mm*750mm *250 (approx.)
Weight	Up to 4Kg
Payload Capacity	2 Kg
Body Material	Carbon fibre
Battery Type	Li-Ion
Flight Time	60 min
Flight Range	5-15 Km
Video Transmission Range	5-15Km
Max Speed	36 km/h
Camera System	See the payload options below
Ground Control Station	RC with In-built screen
Features	Battery Failsafe, RTH, Waypoint navigation
Wind Resistance	30-35 km/h





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SPRINTER 750



High-Speed Tactical UAV System

The Sprinter750 is a high-performance UAV designed for rapid deployment and tactical versatility. Developed with in-house R&D and recommended by Army HQ Delhi, this platform is engineered to meet rigorous defence specifications. It features a high cruising speed of 150 km/h and supports diverse payloads including day/night vision systems and weapon mounts. The system ensures secure operations with point-to-point key pair encrypted communication.

Key Features:

- **High Speed:** Capable of cruising at 150 km/h for rapid target engagement.
- **Dual-Use Payload:** Supports Day/Night Vision and Weapon/Grenade Mounts.
- **Secure Comms:** Point-to-point key pair encrypted secure communication.
- **Combat Ready:** Recommended by Army HQ Delhi.
- **Advanced Imaging:** 4K Day camera combined with Thermal (640*512) and 10X Optical Zoom.
- **Rapid Charging:** Battery charging time of just 45 minutes.
- **All-Weather:** Operates in temperatures from -10°C to +50°C.
- **Video Range:** Live video and data transmission range of 15-30 Km.

Technical Specifications:

Feature	Specification
Dimensions (Unfolded)	750*750*400 mm
Dimensions (Folded)	500*500 *200 mm
Max Take-off Weight (MTOW)	8 Kg
Payload Capacity	2 Kg
Operational Endurance	25 to 30 minutes
Flight Range	5-10 km
Video/Data Range	5-10 Km
Imaging System	See the payload options below
Max Altitude	4000 m (MSL)
Cruising Speed	150 km/h
Operating Temperature	-10°C to +50°C



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SPRINTER 750 (Public announcement system)

High-Speed Tactical UAV System

The Sprinter750 is a high-performance UAV designed for rapid deployment and tactical versatility. Developed with in-house R&D and recommended by Army HQ Delhi, this platform is engineered to meet rigorous defence specifications. It features a high cruising speed of 150 km/h and supports diverse payloads including day/night vision systems and weapon mounts. The system ensures secure operations with point-to-point key pair encrypted communication.

Key Features:

- **High Speed:** Capable of cruising at 150 km/h for rapid target engagement.
- **Dual-Use Payload:** Supports Day/Night Vision and Weapon/Grenade Mounts.
- **Secure Comms:** Point-to-point key pair encrypted secure communication.
- **Combat Ready:** Recommended by Army HQ Delhi.
- **Advanced Imaging:** 4K Day camera combined with Thermal (640*512) and 10X Optical Zoom.
- **Rapid Charging:** Battery charging time of just 45 minutes.
- **All-Weather:** Operates in temperatures from -10°C to +50°C.
- **Video Range:** Live video and data transmission range of 15-30 Km.

Technical Specifications:

Feature	Specification
Dimensions (Unfolded)	750*750*400 mm
Dimensions (Folded)	500*500 *200 mm
Max Take-off Weight (MTOW)	8 Kg
Payload Capacity	2 Kg
Operational Endurance	25 to 30 minutes
Flight Range	5-10 km
Video/Data Range	5-10 Km
Imaging System	See the payload options below
Max Altitude	4000 m (MSL)
Cruising Speed	150 km/h
Operating Temperature	-10°C to +50°C





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HEXACOPTER HX900

Description:

Heavy-Lift UAS

The Hexacopter HX900 is a heavy-lift rotary-wing platform designed for high-capacity logistics and advanced thermal surveillance. With a massive payload capacity of 15-20 kg, this drone is engineered for demanding tasks ranging from cargo transport to specialized sensor deployment. It features a dual-camera system combining a 2K Day Camera with a Thermal (384x288) sensor, providing comprehensive situational awareness in all lighting conditions. Powered by efficient Li-Ion batteries and built with a rigid Carbon Fiber frame, the HX900 ensures durability and reliability for critical missions.

Key Features:

Heavy Payload Capacity:

Exceptional lifting power capable of carrying 15 - 20 kg.

Dual-Sensor Imaging: Integrated 2K Day Camera and Thermal Camera (384x288) for day/night operations.

Robust Structure: Large-scale frame (1000*1000mm) constructed from Carbon Fiber.

Efficient Power: Utilizes Li-Ion battery technology for optimized weight-to-performance ratio.

Operational Endurance: Flight time of 25 – 30 minutes under load.

Smart Navigation: Features Low Battery Return-to-Home (RTH) and Waypoint navigation for autonomous missions.

Integrated Control: Ground Control Station (RC) comes with an In-built screen for immediate video feedback and telemetry.

Technical Specifications:

Feature	Specification
Dimensions	1000*1000*450 mm
Weight	24 Kg
Payload Capacity	15 - 20 Kg
Body Material	Carbon Fiber
Battery Type	Li-Ion
Flight Time	25 – 30 minutes
Flight Range	5 Km
Video Transmission Range	5 Km
Max Speed	36 km/h
Camera System	2K Day & Thermal 384*288
Ground Control Station	RC with In-built screen
Flight Modes/Features	Low battery RTH, Waypoint navigation
Wind Resistance	30-35 km/h



Additional Customization

◆ GPS-denied navigation

Accurate indoor/GPS-denied navigation using camera + IMU fusion for stable autonomous flight.

◆ Frequency Hopping

Secure, long-range control with anti-jamming communication through fast channel switching.

◆ Tethered Drone

Unlimited flight time with continuous power and stable data via lightweight tether cable.

Optical Fiber Control

Payload Options



Mini Gimbal Camera
4K Ultra HD
6X Dig Zoom



Optical Gimbal Camera
4K Ultra HD
10X Optical Zoom



Optical Gimbal Camera
4K Ultra HD | 30X Optical
180X Hybrid Zoom



Day & Night Gimbal Camera
4K Ultra HD | 6X Dig Zoom
640*512 Thermal Imaging



Day & Night Gimbal Camera
2K Quad HD
384*288 Thermal Imaging



Day & Night Gimbal Camera
4K Ultra HD | 30X Optical
180X Hybrid Zoom
640*512 Thermal Imaging



Grenade Dropping
Mechanism



Public Announcement
System



Releasing
Mechanism



Search Light

Common Camera Features :

8MP Sony CMOS Image Sensors Both Nose & Upside Down Modes,
Ardupilot Px4 (Mavlink) Ethernet/HDMI/CVBS/ Video Output, High Accuracy, High Collaboration &
Control Algorithm



3.5 INCH DIGITAL FPV



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3.5 INCH DIGITAL FPV

Description:

Compact High-Definition Tactical Drone

The 3.5 Inch Digital FPV is a highly stable and compact rotary-wing platform designed for high-definition aerial operations. Built with a rigid Carbon Fiber frame, it offers exceptional durability while maintaining agility. The system is equipped with a premium 4K 60fps Camera and a Digital Video Transmission system, ensuring crystal-clear live feeds and recording. Despite its small form factor, it includes advanced autonomous safety features such as Low Battery Return-to-Home (RTH) and Waypoint navigation, making it a versatile tool for precise manoeuvring and tactical filming.

Key Features:

- High-Definition Imaging:** Capable of recording smooth footage with a 4K 60fps Camera.
- Crystal Clear Video:** Features a Digital Transmission System (Digital Goggles) for low-latency, high-quality live viewing.
- Stable Flight:** Engineered for superior stability in a compact size.
- Durable Build:** Constructed with a high-strength Carbon Fiber body.
- Reliable Range:** Flight and video transmission radius of 5 Km.
- Smart Safety:** Equipped with Low Battery Return-to-Home (RTH) to prevent loss.
- Autonomous Navigation:** Supports Waypoint mission planning.
- Payload Capability:** Can carry small payloads up to 200g.

Technical Specifications:

Feature	Specification
Body Material	Carbon Fiber
Flight Range	5 Km
Video Transmission Range	5 Km
Flight Time (No Payload)	10 - 15 minutes
Flight Time (With Payload)	8 - 10 minutes
Payload Capacity	200g
Max Altitude	500 m
Camera System	4K 60fps Camera
Video Receiver	Digital Goggles
Flight Modes/Features	Low battery RTH, Waypoint navigation
Dimension	155*155*50 mm



3.5 INCH ANALOG FPV



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3.5 INCH ANALOG FPV

Description:

Compact Analog Tactical Drone

The 3.5 Inch Analog FPV is a robust and highly stable rotary-wing platform designed for agile manoeuvres and reliable short-to-medium range operations. Constructed with a durable Carbon Fiber frame, this drone is engineered to withstand rigorous use while maintaining exceptional flight stability. It features a 720p Camera paired with an Analog Video Transmission system, providing low-latency live feedback essential for precise piloting. Despite its compact size, it integrates advanced autonomous safety features such as Low Battery Return-to-Home (RTH) and Waypoint navigation, ensuring mission success and equipment safety.

Key Features:

Superior Stability: Engineered for stable flight characteristics, making it ideal for both training and operations.

Durable Construction: Built with a high-strength Carbon Fiber body.

Reliable Range: Operational flight and video transmission radius of 3 Km.

Analog Efficiency: Equipped with Analog Goggles for real-time, low-latency video reception.

Smart Safety: Features Low Battery Return-to-Home (RTH) to prevent signal or power loss accidents.

Autonomous Navigation: Supports Waypoint mission planning.

Payload Capability: Capable of carrying small payloads up to 200g.

Technical Specifications:

Feature	Specification
Body Material	Carbon Fiber
Flight Range	3 Km
Video Transmission Range	3 Km
Flight Time (No Payload)	10 - 15 minutes
Flight Time (With Payload)	8 - 10 minutes
Payload Capacity	200g
Max Altitude	500 m
Camera System	720p Camera
Video Receiver	Analog Goggles
Flight Modes/Features	Low battery RTH, Waypoint navigation
Dimension	155*155*50 mm



5 INCH DIGITAL FPV



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5 INCH DIGITAL FPV

Description:

High-Performance Digital Tactical Drone

The 5 Inch Digital FPV is a high-performance rotary-wing platform designed for missions requiring both speed and payload versatility. Built on a rigid Carbon Fiber frame, this drone delivers exceptional flight stability and durability. It distinguishes itself with a powerful 4K 60fps Camera connected to a Digital Video Transmission system, providing the pilot with immersive, high-definition real-time feeds. With a flight time of up to 20 minutes and a payload capacity of 500g, it strikes a perfect balance between endurance and capability. Advanced safety protocols, including Low Battery Return-to-Home (RTH) and Waypoint navigation, ensure reliable operation even at its maximum range of 5 Km.

Key Features:

Cinematic Clarity: Equipped with a 4K 60fps Camera for professional-grade imaging.

Digital Immersion: Features Digital Goggles for crystal-clear, interference-free video reception.

Extended Endurance: Offers a flight time of 15 - 20 minutes (unloaded) for longer missions.

Superior Stability: Engineered for stable flight performance, suitable for precision manoeuvring.

Robust Build: Constructed with high-strength Carbon Fiber material.

Long Range: Operational radius of 5 Km for both flight and video data.

Payload Versatility: Capable of carrying payloads up to 500g.

Smart Navigation: Includes Low Battery Return-to-Home (RTH) and Waypoint mission planning.

Technical Specifications:

Feature	Specification
Body Material	Carbon Fiber
Flight Range	5 Km
Video Transmission Range	5 Km
Flight Time (No Payload)	15 - 20 minutes
Flight Time (With Payload)	8 - 10 minutes
Payload Capacity	500g
Max Altitude	500 m
Camera System	4K 60fps Camera
Video Receiver	Digital Goggles
Flight Modes/Features	Low battery RTH, Waypoint navigation
Dimension	295*295*50 mm



5 INCH ANALOG FPV



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5 INCH ANALOG FPV

Description:

Tactical Analog FPV Drone

The 5 Inch Analog FPV is a versatile rotary-wing platform built for reliable performance and superior stability. Constructed with a high-strength Carbon Fiber frame, this drone is designed to handle demanding flight conditions while carrying payloads up to 500g. It features a 720p Camera paired with an Analog Video Transmission system, ensuring low-latency feedback for precise control. With a flight endurance of up to 20 minutes, it is an excellent choice for tactical missions or advanced training scenarios. The system also integrates essential safety features like Low Battery Return-to-Home (RTH) and Waypoint navigation to ensure operational safety.

Key Features:

Stable Platform: Engineered for high stability, making it suitable for both training and tactical use.

Durable Design: Built with a rugged Carbon Fiber body.

Extended Flight Time: Operational endurance of 15 - 20 minutes (without payload).

Payload Ready: Capable of carrying payloads up to 500g.

Reliable Range: Flight and video transmission radius of 3 Km.

Analog Performance: Equipped with Analog Goggles for real-time, interference-resistant video monitoring.

Smart Navigation: Features Low Battery Return-to-Home (RTH) and Waypoint mission planning for autonomous safety.

Technical Specifications:

Feature	Specification
Body Material	Carbon Fiber
Flight Range	3 Km
Video Transmission Range	3 Km
Flight Time (No Payload)	15 - 20 minutes
Flight Time (With Payload)	8 - 10 minutes
Payload Capacity	500g
Max Altitude	500 m
Camera System	720p Camera
Video Receiver	Analog Goggles
Flight Modes/Features	Low battery RTH, Waypoint navigation
Dimension	225*225*50 mm



7 INCH DIGITAL FPV



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7 INCH DIGITAL FPV

Description:

Long-Range Heavy-Lift Digital Drone

The 7 Inch Digital FPV is a powerful and highly stable rotary-wing platform designed for long-range missions and heavier payloads. Constructed with a rigid Carbon Fiber frame, this drone offers superior durability and flight stability, making it ideal for carrying payloads up to 1kg. It features a premium 4K 60fps Camera integrated with a Digital Video Transmission system, delivering high-definition, low-latency video feeds for precision operations. With an impressive flight endurance of up to 25 minutes and a range of 5 Km, it is perfectly suited for tactical surveillance, cinematography, and cargo delivery. The system also includes advanced safety features like Low Battery Return-to-Home (RTH) and Waypoint navigation to ensure mission success.

Key Features:

Heavy Payload Capacity: Capable of carrying significant payloads up to 1kg.

Extended Endurance: Offers a flight time of 20 - 25 minutes (unloaded), maximizing mission efficiency.

Cinematic Imaging: Equipped with a 4K 60fps Camera for high-resolution aerial footage.

Digital Clarity: Features Digital Goggles for immersive, interference-free live video monitoring.

Superior Stability: Engineered for stable flight performance, even when carrying payloads.

Robust Construction: Built with high-strength Carbon Fiber material.

Long Range: Operational radius of 5 Km for both flight and video transmission.

Smart Navigation: Includes Low Battery Return-to-Home (RTH) and Waypoint navigation for autonomous safety.

Technical Specifications:

Feature	Specification
Body Material	Carbon Fiber
Flight Range	5 Km
Video Transmission Range	5 Km
Flight Time (No Payload)	20 - 25 minutes
Flight Time (With Payload)	10 - 12 minutes
Payload Capacity	1 kg
Max Altitude	500 m
Camera System	4K 60fps Camera
Video Receiver	Digital Goggles
Flight Modes/Features	Low battery RTH, Waypoint navigation
Dimension	295*295*50 mm



7 INCH ANALOG FPV



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7-INCH ANALOG FPV

Tactical FPV Drone System

Description:

The 7-Inch Analog FPV is a durable rotary-wing drone designed for agility and tactical range. Constructed with a high-strength carbon fiber body, this platform is engineered to balance speed with payload capacity. It features a reliable analog video transmission system for low-latency feedback, making it ideal for precise manoeuvring. The system supports autonomous safety features such as Low Battery Return-to-Home (RTH) and waypoint navigation, ensuring operational reliability in various environments.

Key Features:

- **Durable Build:** High-strength Carbon Fiber body construction.
- **Extended Range:** Flight and video transmission radius of 5 Km.
- **Payload Capability:** Capable of carrying up to 1000g.
- **Safety Features:** Equipped with Low Battery Return-to-Home (RTH).
- **Navigation:** Supports Waypoint navigation for planned missions.
- **Visual System:** 720p Camera paired with Analog Goggles for real-time viewing.

Technical Specifications

Feature	Specification
Body Material	Carbon Fiber
Flight Range	3 Km
Video Transmission Range	3 Km
Flight Time (No Payload)	20 - 25 minutes
Flight Time (With Payload)	10 - 12 minutes
Payload Capacity	1000g
Max Altitude	500 m
Camera System	720p Camera
Video Receiver	Analog Goggles
Flight Modes/Features	Low battery RTH, Waypoint
Dimension	295*295*50 mm



10 INCH DIGITAL FPV



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10 INCH DIGITAL FPV

Description:

Heavy-Lift Long-Range Tactical Drone

The 10 Inch Digital FPV is a high-capacity rotary-wing platform designed for heavy lifting and extended operations. Built with a robust Carbon Fiber frame, this drone provides exceptional stability and durability, even under load. It features a high-definition 4K 60fps Camera coupled with a Digital Video Transmission system, ensuring superior image clarity and interference-free monitoring. With a significant payload capacity of up to 2 kg and flight times reaching 25 minutes, it is the ultimate tool for heavy-duty tactical missions, cargo transport, and advanced aerial cinematography. The system also integrates critical autonomous safety features such as Low Battery Return-to-Home (RTH) and Waypoint navigation.

Key Features:

Heavy-Duty Payload:

Engineered to carry substantial payloads of up to 2 kg.

Extended Endurance: Capable of flight times between 20 - 25 minutes (unloaded).

High-Definition Visuals:

Equipped with a 4K 60fps Camera for professional-grade video capture.

Digital Transmission: Features Digital Goggles for high-quality, low-latency live video feeds.

Superior Stability: Designed for stable flight performance, ensuring safety during heavy-lift operations.

Durable Build: Constructed with a high-strength Carbon Fiber body.

Long Operational Range:

Reliable flight and video transmission radius of 5 Km.

Autonomous Safety:

Includes Low Battery Return-to-Home (RTH) and Waypoint navigation for mission reliability.

Technical Specifications:

Feature	Specification
Body Material	Carbon Fiber
Flight Range	5 Km
Video Transmission Range	5 Km
Flight Time (No Payload)	20 - 25 minutes
Flight Time (With Payload)	10 - 15 minutes
Payload Capacity	Up to 2 kg
Max Altitude	500 m
Camera System	4K 60fps Camera
Video Receiver	Digital Goggles
Flight Modes/Features	Low battery RTH, Waypoint navigation
Dimension	425*425*50 mm

10 INCH ANALOG FPV



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10 INCH ANALOG FPV

Description:

Heavy-Lift Analog Tactical Drone

The 10 Inch Analog FPV is a heavy-duty rotary-wing platform designed for stability and substantial payload capability. Constructed with a rigid Carbon Fiber frame, this drone is engineered to carry payloads of up to 2 kg while maintaining excellent flight stability. It utilizes a reliable 720p Camera and an Analog Video Transmission system, providing low-latency video feedback essential for precise maneuvers in complex environments. With a flight endurance of up to 25 minutes and a robust operational range of 3 Km, it is an ideal solution for logistics, heavy-lift training, and tactical applications where immediate video response is critical. The system includes essential safety features such as Low Battery Return-to-Home (RTH) and Waypoint navigation.

Key Features:

High Payload Capacity:

Capable of lifting significant payloads up to 2 kg.

Stable Platform: Engineered for high stability, ensuring safe operation even under load.

Durable Construction: Built with a high-strength Carbon Fiber body.

Extended Flight Time: Operational endurance of 20 - 25 minutes (unloaded).

Analog Reliability: Equipped with Analog Goggles and a 720p Camera for zero-latency monitoring.

Operational Range: Reliable flight and video transmission radius of 3 Km.

Smart Safety: Features Low

Battery Return-to-Home (RTH) to prevent accidents.

Autonomous Navigation: Supports Waypoint mission planning.

Technical Specifications:

Feature	Specification
Body Material	Carbon Fiber
Flight Range	3 Km
Video Transmission Range	3 Km
Flight Time (No Payload)	20 - 25 minutes
Flight Time (With Payload)	10 - 15 minutes
Payload Capacity	Up to 2 kg
Max Altitude	500 m
Camera System	720p Camera
Video Receiver	Analog Goggles
Flight Modes/Features	Low battery RTH, Waypoint navigation
Dimension	425*425*50 mm

