

Quadcopter

Technical Specifications

Max. Payload Capacity	: 1kg-f
Max. Endurance	: 60 minutes
Max Range of operation	: 10 km
Structure	: Carbon Fiber frame
Motor	: 4 motors with foldable propellers
Battery	: Lithium Polymer
Operating Temperature	: 0 to 55°C
Max Launch Altitude	: 3000 AMSL

Payloads

Cameras (Multispectral camera, Thermal camera, Video camera) and more.



Gimbal



Multispectral Camera



High Definition (HD) Camera



Thermal Camera



Drone Multi Purpose Unmanned Aerial Vehicle (UAV)

Scientech's Unmanned Aerial Vehicles (UAVs or drones) are designed by CSIR's National Aerospace Laboratory. These have been extensively tested from the deserts of Rajasthan to the mountains of Kashmir. These rugged yet lightweight drones are the best in class.

Scientech is an ISO 9001-2015 certified company.

For over 35 Years, Scientech has been a leader in the electronics sector providing reliable and quality solutions. We have an extensive line of solutions for Industry, Environment, Research and Education sectors.



Manufactured by -

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Unique Features

- Lightweight composite frame
- Fully autonomous operations from take-off to landing
- Robust & reliable design with in-built system redundancies
- Digital Sky compliant
- User friendly ground control station for easy mission planning
- Interchangeable payload capability for a wide variety of applications

Applications

- Precision Agriculture
- Crime Monitoring & Control
- Industrial Asset Inspection
- Power Transmission
- Disaster Management
- Medical Emergencies
- Border Security
- Solar Energy
- Mining
- Forest & Wildlife
- Traffic Monitoring
- Logistics
- Construction
- Oil & Gas
- Railways
- Education

Octacopter



- Highly stable flight
- Folds upto 1/3rd of its size for easy transportation
- Safe flight operations with upto two motor failure
- Beyond Visual Line of Sight (BVLoS) capable autonomous flight

Technical Specifications

Max. Payload Capacity	: 20kg-f
Max. Endurance	: 38 minutes
Max Range of operation	: 20 km
Structure	: Carbon Fiber Frame
Motor	: 8 motors with foldable propellers
Battery	: Lithium Polymer
Operating Temperature	: 0 to 55°C
Max Launch Altitude	: 3000 AMSL

Payloads

Medical or Vaccine box, Cameras (RGB, video, thermal, multispectral, hyperspectral) with gimbal, Spraying Tank, Seeding apparatus, Loudspeaker, and more.



Sub suspended Magnetometer



Pesticide and Water Spraying



Seed Spreading Assembly



Multispectral Camera

Hexacopter

Technical Specifications

Max. Payload Capacity	: 5kg-f
Max. Endurance	: 40 minutes
Max Range of operation	: 10 km
Structure	: Carbon Fiber frame
Motor	: 6 motors with quick-release propellers
Battery	: Lithium Polymer
Operating Temperature	: 0 to 55°C
Max Launch Altitude	: 2000 AMSL

Payloads

Vaccine box, Cameras (Multispectral camera, Thermal camera, Video camera), Spraying Tank, Loudspeaker, and more.



Gimbal



Multispectral Camera



High Definition (HD) Camera



Thermal Camera

Dual-Hexacopter



Seed Spreading Assembly



Multispectral Camera



Pesticide and Water Spraying

Technical Specifications

Max. Payload Capacity	: 5 kg-f
Max. Endurance	: 60 minutes
Max Range of operation	: 10 km
Structure	: Carbon Fiber frame
Motor	: 6 motors with quick-release propellers
Battery	: Lithium Polymer
Operating Temperature	: 0 to 55°C
Max Launch Altitude	: 3000 AMSL

Payloads

Vaccine box, Cameras (Hyperspectral camera, Thermal camera, Video camera) with gimbal, Spraying Tank, Loudspeaker, Magnetometer and more.