

ISK-M



Specifications:

Top Speed	75 mph (120 kph)
Max Range	75 miles (120 km)
Ceiling (with payload)	18,000 feet (5486 m)
Wingspan	16 feet (4.88m)
Length	8 feet (2.4m)
Max Climb rate	334 ft/min (1.75 m/s)
Fuel Capacity.....	6 gallons (22.7 L)
Thrust.....	11.5 shaft Horsepower
Endurance	12 Hours)

- Autonomous, Semi-Autonomous and Manual Flight Capabilities
- Multiple Drone Combined Operations Available
- Carbon Fiber & Composite Construction
- LiDAR Terrain Mapping
- Long Range HD and Thermal Camera
- Recording And Live Streaming Capabilities

ISK-M Highlights:

Autonomous, Semi-Autonomous and Manual flight modes, Programmable Missions with Waypoints, Live Streaming and Recording available with HD Camera and Thermal Camera, Stabilized Gimbal, Object Tracking, Joystick based Gimbal Controls, LiDAR based Terrain Mapping, Adaptive Altitude Lock based on ground elevation, 120Km Range.

PLEASE CALL AND TALK TO A CUSTOM SOLUTIONS EXPERT FOR YOUR NEEDS.

PHONE: 586-212-5914 - EMAIL: SALES@CQTUSA.COM - CQT CORPORATE HEADQUARTERS, 50485 UTICA DRIVE SHELBY TOWNSHIP, MI 48315

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ISK-M

ISK-M Camera:

- Lightweight Dual Sensor Camera Gimbal
- 1-30X Optical Zoom
- 1080P HD Streaming and Recording
- 3-Axis Gyro Stabilized Gimbal
- $\pm 360^\circ$ Pan Control Range
- -90° to $+70^\circ$ Pitch Control Range
- Object Tracking Available
- Thermal Temperature measurement range -20°C to 150°C
- Thermal Sensitivity $\leq 50\text{mK}$
- Operational Temperature range -20°C to 60°C

ISK-M Spare Parts Container

Container Includes:

- Engine
- Fuel tank
- Rudder
- Elevators
- Ailerons
- Wings spars
- Alternator
- VTOL Motors
- ESC
- VTOL Blades
- Battery LIPO Battery
- Battery Isolation Manager
- Battery Charger
- Autopilot w/GPS
- Autopilot install foam
- 5V BEC
- 12V step down
- Camera Gimbal
- Handheld controller
- Portable Ground Station
- 4G connection
- Radio Modem
- Fuel lines, stator misc parts
- Fuel Pump
- Landing gear
- Cables & misc Hardware

ISK-M Training Program

14 day training program

Week one

Drone maintenance

Basic repairs

Replacement of engine and other kept components

Design rotation of maintenance based on operational tempo

Week 2

Flight controls

Flight operations

Flight path autonomus programming

Operational concepts

Mission specific planning and tempos

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