

ICI | HALO UAV System



Compatible with a wide array of Thermal and Visual Cameras



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We are IR™

ICI | HALO Pro UAV System

The durable and lightweight carbon fiber construction of the folding ICI HALO Pro UAV System offers the perfect all-in-one aerial inspection solution. The all new folding arm design makes transportation a breeze. Swap motors and ESC's on the fly using our added bullet connectors. HV LIPO batteries, 8 brushless motors, and redesigned 22" propellers offer over 50 minutes of extended flight time as well as redundancy to protect your investment. The system is equipped with a customized gimbal that can combine multiple Cameras / Sensors via ICI's Sensor Control Module. With its outstanding high definition visible imaging options as well as infrared short wave, mid wave, long wave, and optical gas imaging, the ICI HALO Pro UAV System is a next generation platform for capturing aerial infrared images. Includes HALO Pro charging system and IR Flash Software.



Features

- Compatible with many ICI Cameras
- All new folding design for easy transport
- Extended Flight Time (over 50 minutes)
- HV LIPO flight batteries with easy LED capacity readout
- Labeled and Redesigned 22" Propellers
- Equipped with a customized Gimbal System
- Bullet Connections for swapping ESC's and Motors
- HALO Pro Charging System - charge multiple batteries

Specifications

- **Wheelbase:** Red 1050 mm, Black 900 mm
- **Frame:** Carbon Fiber
- **Controller:** DJI A3
- **Data/Video:** DJI Lightbridge 2
- **Propellers:** 8, 22" Carbon Fiber with Quick Connects
- 1 Set of Replacement Propellers
- **Battery:** 25000 mAh or 34000 mAh
- Halo Pro charging system
- **Gimbal:** Customized with Vibration Isolation Mount
- Triple GPS / Compass Redundancy
- Triple IMU Redundancy
- 8 ESC's with Bullet Connections
- 8 Brushless Motors with Bullet Connections
- 4 Motor Mounts with Vibration Isolation System
- 4 Motor Mount Covers
- Quick Release Retractable Landing Gear
- Power Distribution Board
- GPS Cover
- Battery Bay & Cover
- HALO Pro Storage / Travel Cover



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Applications

- Industrial / Pipeline Inspections
- Flare Inspection
- Bridge Pipeline Inspection
- Precision Agriculture
- Building/Roof Inspections
- Aerial Bridge Deck
- Highway Delamination Inspection
- Search and Rescue
- Archaeological Mapping
- Wildlife Management
- Alternative / Solar Energy Inspections
- Optical Gas Imaging
- Wind Turbine Inspections
- Golf Course Inspection

Sensor and Software Options

- UV Corona Camera (Q1 2018)
- 8320 / 8640 LWIR USB Cameras
- 9320 / 9640 LWIR USB Cameras
- SWIR 640 / SWIR 320 USB IR Cameras
- Mirage MWIR USB Cameras
- Visible NIR Cameras
- Includes IR Flash Software
- Windows 32-bit SDK
- Linux SDK (x86, x64 and ARM)

