

# ICI | HALO UAV System



Compatible with a wide array of Thermal and Visual Cameras



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# ICI | HALO UAV System

The durable and lightweight carbon fiber construction of the ICI HALO UAV System offers the perfect all-in-one portable aerial infrared solution. Combine multiple Cameras / Sensors using ICI's Sensor Control Module. Interconnectivity makes our UAS capable of high definition visible imaging as well as thermal long wave, short wave, RGB, and optical gas imaging. Additionally, HALO's 3 axis gimbal allows for the collection of spectral data and crisp, clean images from any angle. A large battery and 8 motors offers extended flight time as well as redundancy to protect your investment. With its outstanding stability and retractable landing gear, makes the ICI HALO UAV System a leading platform for the capture of aerial infrared imaging.



## Features

- Compatible with many ICI Cameras
- Extended Flight Time
- Low Power (1 W via USB)
- 8 color Palettes, Color + B&W
- Includes IR Flash Software

## Specifications

- **Frame:** Carbon Fiber
- **Controller:** DJI A2
- **Data / Video:** DJI Lightbridge 2
- **Gimbal:** Customized
- Quick Release Retractable Landing Gear
- Landing Gear Controller
- Power Distribution Board
- 8 ESC's
- 4 Motor Mounts with Vibration Isolation System
- 8 T-Motors
- 4 Motor Mount Covers
- 8 Carbon Fiber Propellers with Quick Connects
- 2 Sets of Replacement Propellers
- Gimbal Vibration Isolation Mount
- Battery Bay & Cover
- GPS Cover
- Battery Bay & Cover
- HALO Storage / Travel Cover

## 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)

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