

IF1000 HEXACOPTER



MAX PAYLOAD	3.3 kgs
MAX ENDURANCE	40 min
MAX WIND	22 knots
SIGNAL RANGE	10 km
SOFTWARE	PX4

Safety, reliability, adaptability - These key tenets to the IF1000 combine to create an industrial UAV capable of completing any objective. Increased payload capacity and longer flight times enable users to survey larger sites, inspect a greater number of utility assets and consistently perform mission-critical applications. Whether you're looking for a mission-ready full-stack solution or an OEM platform, the IF1000 immediately enhances the capabilities of any enterprise.

COMMUNICATION LINKS

The IF1000 offers various comms links depending on user requirements. Options include AES-256 encrypted NDAA-compliant data transmission, integrated ground control stations, and long-range telemetry solutions.

HD Video streaming, accurate geotagging, and optional RTK enable operators to efficiently capture actionable data.

SUPPORTED PAYLOADS

A universal payload interface enables the integration of nearly any auxiliary system meeting size & weight requirements. The IF1000 offers fully-integrated solutions for applications needing: EO/IR, optical, multispectral, & lidar.



LIDAR



EO/IR



OPTICAL



OEM

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KEY BENEFITS

FULL STACK SOLUTION

Ready-to-fly configurations for a range of industrial applications allow your team to get right to work with the IF1000.

MODULAR & ADAPTABLE

An open system architecture allows for payload flexibility to ensure that mission requirements are met.

RUGGED & RELIABLE

An aluminum & carbon fiber airframe built to be your fleet's workhorse.

COMPLIANCE

Optional parachute recovery systems and ADS-B transponders anticipate future regulatory requirements and can be added at any time.

IMMEDIATE SUPPORT

Dedicated US-based technical support team & defined maintenance schedules reduce operational risk and fleet downtime.

ABOUT US

INSPIRED FLIGHT

- Domestically Owned & Operated
- Built & Supported in the USA
- Proven Supplier to Federal Entities

NDAA COMPLIANT

The IF1000 complies with the NDAA Section 848 and uses no Chinese electronics. Inspired Flight provides maximum transparency into its sourcing practices to ensure compliance with evolving Federal regulations.

Since its inception, Inspired Flight has been committed to producing US developed, manufactured, and supported technology.



REQUEST A QUOTE

GET FLYING WITH THE IF1000

Send your contact info to:
sales@inspiredflight.com

For more information on the IF1000,
visit www.inspiredflight.com