

IF800 TOMCAT

PORTABLE. DEPLOYABLE. DEPENDABLE



54 MINUTE MAX FLIGHT TIME



DUAL SWAPPABLE BATTERIES



DOVETAIL PAYLOAD SWAPPING



49 MPH MAX SPEED



6.6 LBS MAX PAYLOAD



IP43 RATED



IFT

USE CASES

- INFRASTRUCTURE INSPECTION
- SURVEYING & MAPPING
- SEARCH & RESCUE
- UTILITY LINE PATROL
- ENVIRONMENTAL MONITORING

BUILT FOR PROFESSIONALS

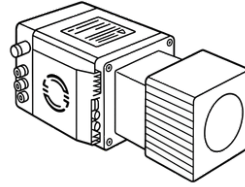
Designed for pilots who need trusted performance and flexibility in the field. The IF800 Tomcat delivers real results in real conditions whether you're collecting LiDAR, thermal, or high-resolution RGB.

SEAMLESS INTEGRATION, TRUSTED PERFORMANCE.



We believe that the right payloads and ground control stations are essential for unlocking the full potential of our drones. That's why we've partnered with trusted industry leaders who share our commitment to precision, reliability, and innovation.

INTEGRATED LIDARS



Options

- YellowScan
- Riegl
- Inertial Labs
- GeoCue
- Phoenix LiDAR Systems
- Most LiDARs under 6.6 lbs



CUSTOM PAYLOAD

Beyond our standard payload offerings, Inspired Flight also specializes in fully customized payload integrations.

Our in-house engineering team works closely with customers to design, build, and integrate unique solutions for specialized applications.

SENTERA 65R



Features

- 65 MP Global Shutter
- 3 FPS
- GSD @ 38m (125 ft): 0.45cm

SENTERA 6X & 6XT



Features

- 5 Multispectral Bands
- 20.1 MP Global Shutter
- 640x 512 Radiometric

GREMSY VIO F1



Features

- 30x Hybrid Optical Zoom
- 640x512 Radiometric
- 2400m Rangefinder

SONY ILX-LR1



Features

- 61 MP, 4k/60p
- Global Shutter
- Interchangeable lens

RELIABLE COMMAND, UNCOMPROMISING PERFORMANCE



Inspired Flight offers advanced Ground Control Stations that streamline drone operation and mission management. These controllers provide real-time data visualization, intuitive controls, and reliable connectivity. They empower pilots to fly with confidence, regardless of the mission's specific requirements.

NORTHWEST BLUE HERELINK



Features

- 5.46" Touchscreen
- 1000 NIT brightness
- Up to 4 hour runtime
- 2.4 GHz transmission
- 12.4 mile range

INSPIRED FLIGHT GS-ONE



Features

- 7" Touchscreen
- 2000 NIT brightness
- Up to 5-hour runtime
- Hot-swappable battery
- 6.2 mile range
- IP55 weather resistant
- HDMI output