

**dji**



**INSPIRE 2**

58mph

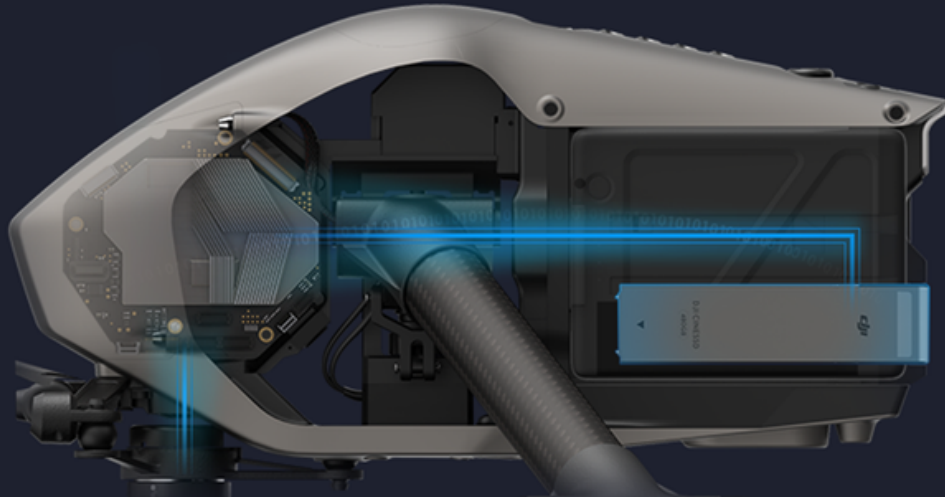


**Structure:** Magnesium aluminium composite shell and transforming design, carbon fiber arms

**Configuration:** Vision sensing, 2 axis-FPV camera, range of supported camera's

**Propulsion:** 94 kmph max speed, 2kg of thrust per rotor, 15 in props, 23 min flight time with x7, 24 min flight time with x4s

**Battery:** Dual battery, Self heating, battery redundancy, 98wh



**image processing and storage:** 6k RAW @4.44gbps video recording, all new cine core 2.1, integrated DJI CINESSD.

**File System:** FAT32/exFAT universal file system.

**Video Format:** 6k Cinema DNG and 5.2k Apple ProRes video support, H.265 and H264 video codec support, 4k video at 100 Mbps. Recorded video can be stored simultaneously on the DJI CINESSD and a Micro - SD card.



Controllable range: 4.3 mi

**Lightbridge technology:** signal frequency switching between 2.4 ghz and 5.8 ghz Lightbridge technology.

**Primary-secondary mode:** one primary and one secondary supported. Multilink required when using multiple secondary controllers.

**Port:** Extension port, HDMI port, USB Port.

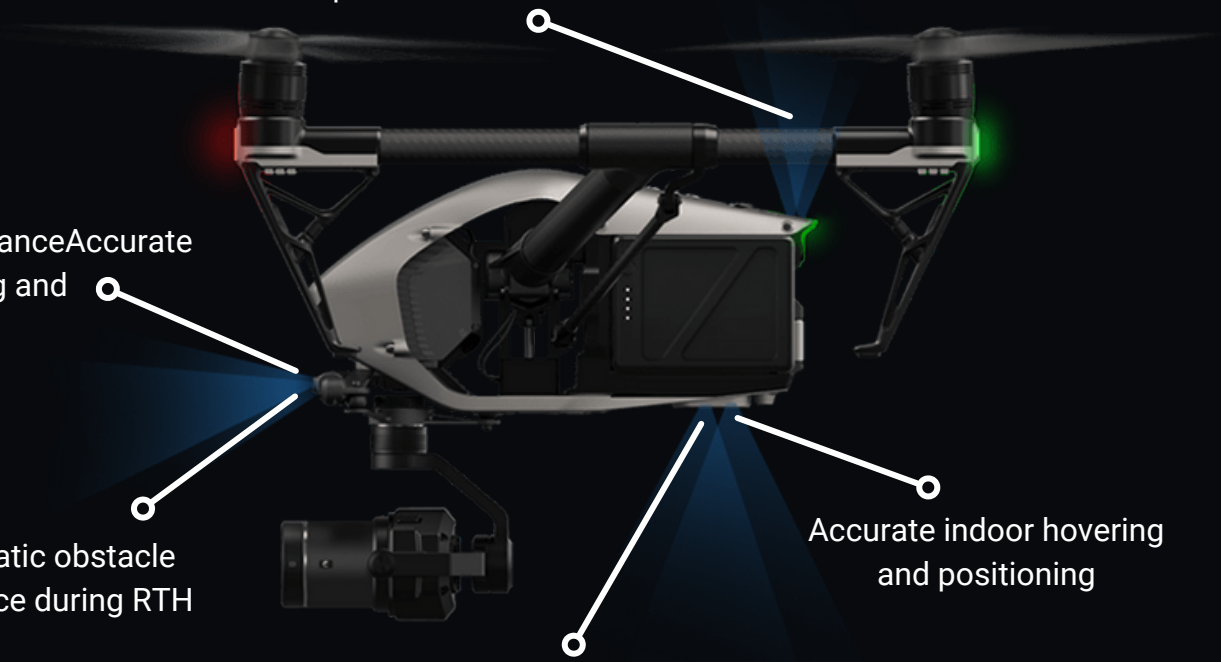
Upward obstacle avoidance

Obstacle avoidance  
Accurate indoor hovering and positioning

Automatic obstacle avoidance during RTH

Terrain detection

Accurate indoor hovering and positioning



A diagram illustrating the Spotlight Pro tracking mode. It features a blue wireframe landscape with two paper airplanes flying over it. A dashed white line with arrows indicates a curved tracking path between the two airplanes. In the center of the path, a white stick figure is enclosed in a green rectangular frame, representing the subject being tracked.

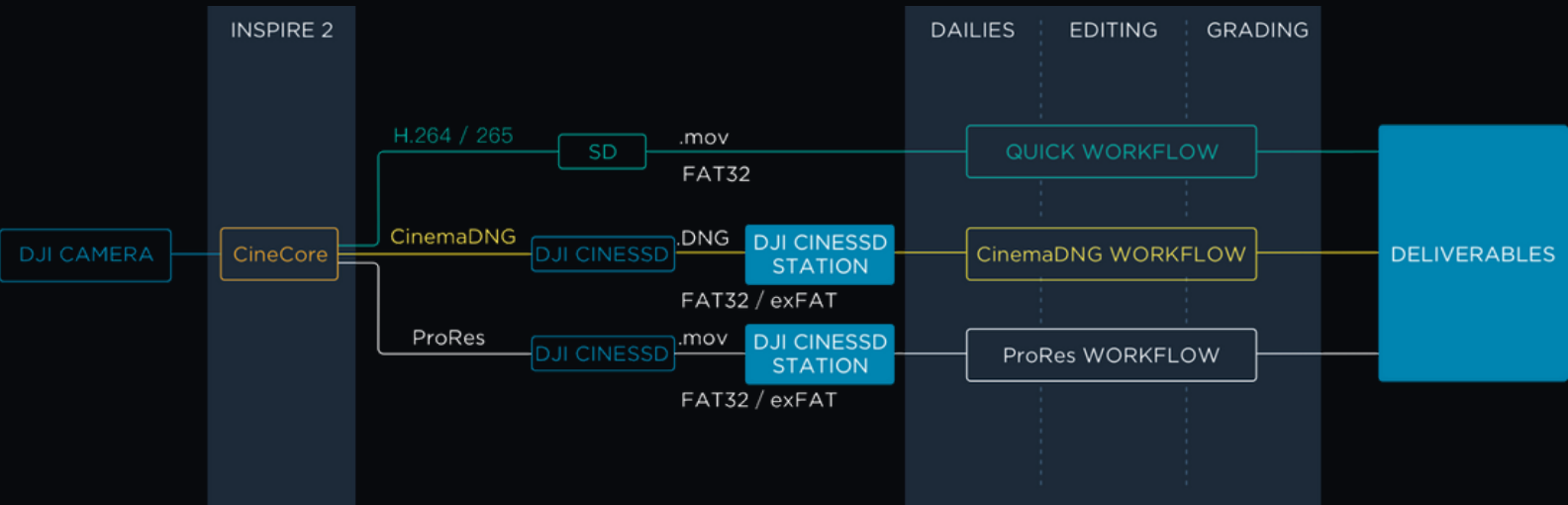
# SPOTLIGHT PRO

Spotlight Pro is a powerful tracking mode that allows even single pilots to capture complex, dramatic images. It uses advanced visual tracking algorithms to lock onto a subject during flight, regardless of the direction that the Inspire 2 flies, creating shots that would once have required a dedicated camera operator. If the gimbal comes close to reaching its rotation limits, the Inspire 2 itself will rotate in the same direction without affecting flight control or the shot being captured to free up gimbal movement.

It has two shooting modes, Quick Mode and Composition Mode. In Quick Mode, select an object to begin tracking. In Composition Mode, select the subject and the tracking position.

When the subject enters the preset tracking position, press the shortcut to begin tracking. The gimbal can be moved during shooting for composition adjustments.

Spotlight Pro is available in Intelligent Flight Modes TapFly, Waypoint, and Point of Interest.



# EFFICIENT WORKFLOW

The Inspire 2 creative workflow has been completely optimized and is now capable of recording video in CinemaDNG and Apple ProRes, and other common formats for post-production in filmmaking. Also supported are FAT32/exFAT\* file systems, which allow fast copying of files direct from the CINESSD without additional software.





## SMART RETURN TO HOME

Forward and downward vision systems allow the Inspire 2 to create a real-time map of its flight route as it flies. If the video transmission system signal is lost and Smart Return to Home is enabled, it is able to fly home along its original route, and change to a straight line when it regains a signal. As it returns, it will use the primary camera to identify obstacles as far as 200m in front, allowing it to plan a safe route home. It is also able to reconnect more quickly after losing connection.





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