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# INSPIRE 2

POWER BEYOND IMAGINATION

# CineCore 2.0



X4S

X5S

## PROFESSIONAL IMAGE QUALITY

Integrated into the Inspire 2 is the brand new CineCore 2.0 image processing system, capable of recording 5.2K videos in CinemaDNG<sup>1</sup>, Apple ProRes<sup>2</sup> and more. CineCore 2.0 is built into the aircraft nose and works with any camera connected through the dedicated gimbal port. (Currently compatible with X4S<sup>3</sup> and X5S).

<sup>1</sup> \*2: Additional license required  
<sup>3</sup> X4S does not support DNG RAW or Apple ProRes

## SENSE AND AVOID

Forward and downward vision systems enable the Inspire 2 to detect obstacles up to 30 meters ahead, allowing for protected flight at up to 34mph (54kph) at a controllable attitude angle of 25°. Upward facing infrared sensors scan obstacles 16ft (5m) above, adding protection when flying in enclosed spaces. Obstacle sensing systems are active during normal flight, RTH and all Intelligent Flight Modes. These sensors are core components of the DJI FlightAutonomy system, which brings the below intelligent features to the Inspire 2:



## POWERFUL FLIGHT PERFORMANCE

A new propulsion system optimized for power creates a new level of flight performance. The Inspire 2 flies at up to 58mph (94kph) descends at 9m/s and climbs at 6m/s. It can accelerate from 0 to 50mph (80kph) in just 5 seconds and flies at a max attitude angle of 40°.

The two controller sticks are tuned for more sensitivity, making delicate maneuvers easier.

## INTELLIGENT FLIGHT MODES

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. In addition to Spotlight Pro, a range of other intelligent flight and shooting modes are available. Obstacle avoidance is optimized when using Point of Interest<sup>4</sup> and Waypoint<sup>5</sup> modes, making complex shots simple and repeatable. Also available are QuickSpin, TapFly and ActiveTrack, to simplify challenging shots.

<sup>4</sup>Coming soon

