

INSPIRE 2

The Inspire 1 was a revelation. The first filmmaking drone in the world to integrate an HD video transmission system, 360° rotating gimbal and a 4K camera, as well as the simplicity of app control. The launches of the Zenmuse X5 and X5R cameras further cemented the Inspire as a critical tool for filmmakers around the globe.

The Inspire 2 takes everything that was good about the Inspire 1 and improves it. The image processing system CineCore2.0 has been upgraded to CineCore2.1, recording video at up to 6K in CinemaDNG/RAW and 5.2K in Apple ProRes when used with Zenmuse X7 camera. It goes from 0 to 50 mph (80 kph) in just 5 seconds and hits a maximum speed of 58 mph (94 kph) and has a max descent speed of 9m/s for unheard of speed and agility in an aircraft this size. A dual battery system prolongs the flight time to a maximum of 27 minutes (with an X4S), while self-heating technology allows it to fly even in low temperatures.

FlightAutonomy has been revised and developed specifically for the Inspire 2, providing two directions of obstacle avoidance and sensor redundancy. Increased intelligence adds multiple intelligent flight modes, including Spotlight Pro, giving even single pilots the ability to create complex, dramatic shots. An upgraded video transmission system is now capable of dual signal frequency and dual channel, streaming video from an onboard FPV camera and the main camera simultaneously, for better pilot and camera operator collaboration.

IMAGE PROCESSING

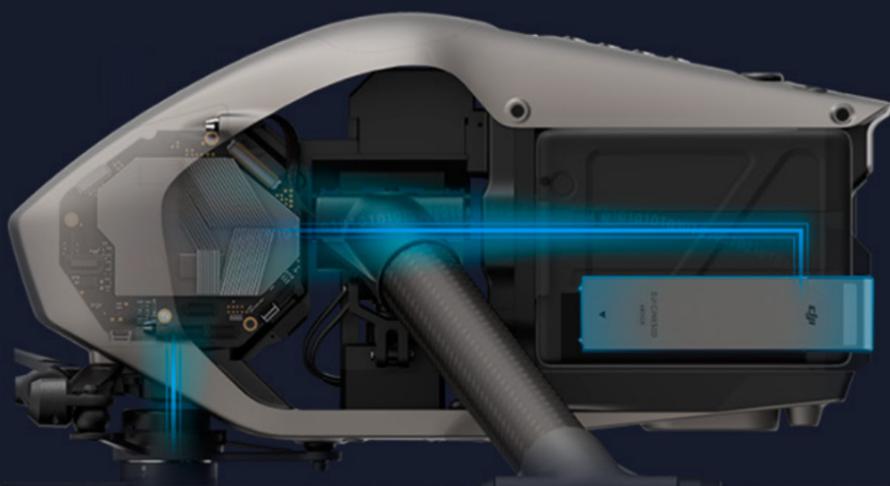


Image Processing and storage: 6K RAW @ 4.44 Gbps* video recording, all-new CineCore 2.1, integrated DJI CINESSD. **File System:** FAT32/exFAT universal file system.

Video Format: 6K CinemaDNG* and 5.2K Apple ProRes video support, H.265 and H.264 video codec support, 4K video at 100 Mbps. Recorded video can be stored simultaneously on the DJI CINESSD and a Micro- SD card.

*Zenmuse X7 camera required

CineCore 2.1



PROFESSIONAL IMAGE QUALITY

Integrated into the Inspire 2 is the brand new CineCore 2.1 image processing system, which is capable of recording video in 6K @4.44Gbps CinemaDNG^{*1}, 5.2K @2.08Gbps Apple ProRes^{*2}, and H.265/H.264 @100Mbps. CineCore 2.1 supports burst shots, capturing 10 JPEG + DNG bursts and continuous DNG bursts^{*3} at 20fps (24MP per shot) when the Zenmuse X7 is mounted. (Currently compatible with the X7, X5S and X4S^{*4}. Please refer to Specs for the supported video formats of each camera).

6K 30fps CinemaDNG	5.2K 30fps Apple ProRes	H.265 / H.264 100Mbps	20fps Continuous Burst	PIV	Oversampling Video
3DNR	3DLUT	DJI Cinema Color System	EI Mode	NVMe SSD PCIe 3.0	FAT32/exFAT