



Inspire 2

Joining the ACS Aerial Unit's camera inventory, the Inspire 2 is a critical aerial tool for filmmakers and has the capacity to fly longer and at higher speeds than other UAVs.

The Inspire 2 has been fitted with the new Zenmuse X7 camera. Fitted with a huge 'Super 35' sensor, its capable of shooting 1080, 4K UHD and up to 5.2K in Cinema DNG RAW Apple ProRes. Lightweight and easily transportable, it can travel from 0 to 50mph in just 5 seconds, has a maximum flight speed of 58mph (94kph), can fly up to 120m in height and comfortably operate up to a maximum 500m distance from the pilot. A dual battery system means flight times are prolonged to 27 minutes which is considerably higher than other UAVs on the market.

Aircraft and camera are fully controllable during flight with a small integrated camera providing the pilot with a view from the front of the aircraft, overlaid onto the main camera image for situational awareness. Provided with the Inspire 2 is ACS' own DOP set complete with waveform monitors, enabling Directors to have greater control over the shots.

The Inspire 2 crew consists of pilot, camera op and an additional spotter for night time shoots or more complex requirements. Our UAV team hold a PFCO (Permit for Commercial Operations) from the Civil Aviation Authority. This enables our crew to react quickly and fly at short notice for any shoot day or night, requiring no flying permissions in most areas. Our crew have also gained enhanced flying permissions from the CAA, making us one of the few UAV operators to have received them. This additional permission allows us to offer much more flexibility to directors, enabling them to get the shot they need.

Our aerial unit offer two production packages with the Inspire 2:

- Standard:** DJI Inspire 2 UAV with X5S camera system. Supplied with licence free UAV control & video monitoring system including Operator's & Producer's monitors. 10x batteries and charging system and spares kit.
- RAW:** DJI Inspire 2 UAV with X5S camera system. Supplied with Apple ProRes license key, licence free UAV control & video monitoring system including Operator's & Producer's monitors. 10x batteries and charging system and spares kit. Also supplied with 2x 240GB SSD cards for RAW recording, SSD card reader and laptop transfer workstation.

Camera Specifications

SIZE	FRAMERATE	CODEC	BITRATE
5208x3956	(20 (burst)	DNG	3.7Gbps
5208x2972	29.97	Cinema DNG	4.2Gbps
5280x2160	29.97	ProRes 422 HQ	1.3Gbps
4096x2160	59.94	CinemaDNG	4.0Gbps
	29.97	CinemaDNG	2.4Gbps
	29.97	H.264/H.265	100Mbps
3840x2160	59.94	H.264	100Mbps
	59.94	CinemaDNG	3.7Gbps
	29.97	CinemaDNG	2.1Gbps
	29.97	Apple ProRes 422 HQ	900Mbps
	29.97	Apple ProRes 4444 XQ (no alpha)	2.0Gbps
	29.97	H.264/H.265	100Mbps
3840x1572	29.97	H.264/H.265	100Mbps
2720x1530	59.94	H.264/H.265	100Mbps/80Mbps
	29.97	H.264/H.265	80Mbps/70Mbps
1920x1080	119.98	H.264/H.265	100Mbps
	59.94	H.264/H.265	80Mbps/65Mbps
	47.95	H.264/H.265	80Mbps/65Mbps
	29.97	H.264/H.265	60Mbps/50Mbps

Lens Options: 16mm, 24mm, 35mm and 50mm

