



EVO II

Supporting creators, professionals, enthusiasts, contractors, and first responders, EVO II is the tool that works as hard as you do. Designed with efficiency in mind, EVO II features three interchangeable cameras that can be swapped out in minutes by the user. Complete with an array of Intelligent Flight modes and the most comprehensive, user-friendly obstacle avoidance system ever developed, you are able to be fully immersed within any activity while capturing every second of it.

Included with EVO II is a smart controller featuring a built-in 3.3-inch OLED display, eliminating the need for a mobile device. With a four-hour battery life and an ergonomic, compact design, pilots can easily pack and fly on the go.

FEATURES



Professional grade shooting modes



Highest resolution video available on any folding drone



Flight times up to 40 minutes



12 image sensors create a 3D world for omnidirectional obstacle avoidance



2.4Ghz antennas for up to a 9km range and better reception in urban areas



Allows for the camera to be interchanged without replacing the entire system

CAMERA OPTIONS



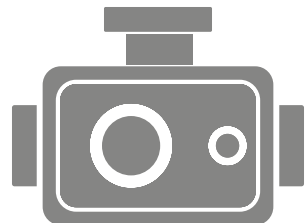
EVO II

Capture striking detail never seen before in an aircraft of this size with the first 8K drone camera on the planet. EVO II features unmatched 8K video resolution up to 25fps and dynamic 48MP stills.



EVO II Pro

The 1-inch sensor EVO II Pro camera captures 6K video up to 30fps. With an adjustable aperture from f/2.8 to f/11 and a max ISO of 12,800, pilots now have exceptional performance and flexibility in any shooting environment.



EVO II Dual

Featuring high-resolution 8K and thermal imaging up to 640x512 made possible with the FLIR Boson sensor, EVO II Dual thrives in relaying the most critical information back to the pilot.

AIRCRAFT

Takeoff Weight	2.5 - 2.6 lbs
Max Payload (camera attached)	2 lbs
Folded Dimensions	L 9 x W 4.6 x H 4.4 in
Max Speed	Standard: 33.6 mph Ludicrous: 45 mph
Max Service Ceiling	4.35 miles (22,968 ft)
Max Flight Time	Hover: 35min Moving: 40min
Transmission Type	FCC: 2.4GHz ALink
Max Transmission Distance	5.6 miles (29,528 ft)
Storage	Internal: 8GB Max SD: 128GB
Battery Type	LiPo 3s
Battery Size	7,100mAh
Controller Screen	3.3in OLED 330 Nits
Controller Battery	5,000 mAh

SENSING SYSTEM

Sensing Type	12 Omnidirectional computer vision sensors
Detection Range	Forward: 1.62 - 131 feet Downward: 1.62 - 72 feet Backward: 1.62 - 105 feet Sides: 1.62 - 79 feet Upward: 1.62 - 79 feet
FOV	Forward: Horizontal 60° / Vertical 80° Backward: Horizontal 60° / Vertical 80° Upward: Horizontal 60° / Vertical 50° Downward: Horizontal 60° / Vertical 50°

CAMERA PAYLOADS

	EVO II 8K	EVO II Pro 6K	EVO II Dual
Sensor	Sony IMX586	Sony IMX383	FLIR Boson + Sony IMX586
Max Resolution	Stills: 8,000 x 6,000 px Video: 7,680 x 4,320 px	Stills: 5,472 x 3,648 px Video: 5,472 x 3,076 px	Stills: 8,000 x 6,000 px IR: 640 x 512 px
Format	MOV/MP4	MOV/MP4	MOV/MP4
Codec	H.264/H.265	H.264/H.265	H.264/H.265
HDR Support	Yes	Yes	Yes
AF Support	Yes	Yes	Yes
Defog	Yes	Yes	Yes (8k camera only)
Histogram	Yes	Yes	Yes (8k camera only)
10-Bit Log	Yes	Yes	Yes (8k camera only)
Aperture	f1.8	f2.8-f/11	f1.8 (8k camera only)
Zoom	1-8x (4x lossless)	1-8x (3x lossless)	1-8x (4x lossless)
ISO Range	Video: 100 - 3200 Photo: 100 - 3200	Video: 100 - 6400 Photo: 100 - 12800	Video: 100 - 3200 (8k camera only) Photo: 100 - 3200 (8k camera only)
Video Modes	8K / 25fps 4k / 60fps	6K / 30fps 4k / 60fps	8K / 25fps (8k camera only) 4k / 60fps (8k camera only) FLIR 640p / 30fps
Max Video Bitrate	120Mbps	120Mbps	120Mbps
Photo	48 MP	20 MP	48 MP (8k camera only)