



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 Pro 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



Built-in 3.3-inch OLED display allows pilots the freedom to fly without a mobile device

CAMERA OPTIONS



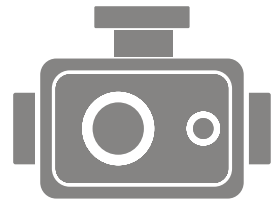
EVO II

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	1127g-1192g
Wheelbase	397mm
Max Speed	Standard: 15m/s Ludicrous: 20m/s
Max Service Ceiling	7000m
Max Flight Time	Hover: 35min Moving: 40min
Transmission Type	FCC: 2.4GHz ALink
Max Transmission Distance	9km
Storage	Internal: 8GB Max SD: 128GB
Battery Type	LiPo 3s
Battery Size	7100mAh
Controller Screen	3.3in OLED 330 Nits
Controller Battery	5000mAh

SENSING SYSTEM

Sensing Type	12 Omnidirectional computer vision sensors
Detection Range	Forward: .5m - 40m Downward: .5m - 22m Backward: .5m - 32m Sides: .5m - 24m Upward: .5m - 24m
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 + IMX586
Max Resolution	Stills: 8000*6000 Video: 7680*4320	Stills: 5472*3648 Video: 5472*3076	Stills: 8000*6000 IR: 640*512
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	NA
Histogram	Yes	Yes	Visible Only
10-Bit Log	Yes	Yes	Visible Only
Aperture	f1.8	f2.8-f/11	Visible f1.8
Zoom	1-8x(4x lossless)	1-8x(4x lossless)	1-8x(4x lossless)
ISO Range	Video: 100 - 3200 Photo: 100 - 3200	Video: 100 - 6400 Photo: 100 - 12800	Visual Light 100 - 3200