



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



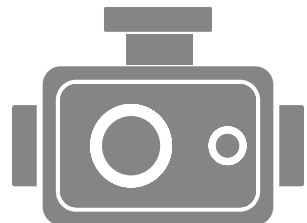
EVO II

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) |

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