

Product specification sheet

Product	DJI Osmo Action 6 Adventure Combo
SKU	cm-action6-adv
Brand	DJI
Category	Camera & Photo
Minimum order quantity	1
Unit	—
Unit price	\$490.00
Available quantity	100

Description

DJI Osmo Action 6 Adventure Combo Short Strategic Positioning Paragraph The DJI Osmo Action 6 Adventure Combo is a flagship action camera built for creators, athletes, travelers, and vloggers who need high-end image quality in extreme and everyday conditions. With a new 1/1.1-inch CMOS sensor, variable aperture, 8K video, 4K/120fps recording, RockSteady 3.0 stabilization, 20m waterproof protection, 50GB usable built-in storage, and up to 4 hours of battery life, it is designed for serious action content with more creative control than a standard action camera

Key Features All-New 1/1.1-Inch CMOS SensorLarger flagship-level sensor helps capture more detail, better dynamic range, and improved low-light performance

DJI's First Variable Aperture Action CameraAdjustable f/2.0-f/4.0 aperture gives creators more control across low-light scenes, landscapes, and creative close-up shooting

8K Video RecordingSupports up to 8K/30fps video in 16:9 for highly detailed footage and flexible cropping. 4K/120fps Slow MotionCapture fast action in smooth 4K slow motion for sports, biking, skiing, diving, and cinematic movement shots. 4K Custom ModeSquare sensor design allows users to shoot first and crop later into different aspect ratios for YouTube, TikTok, Instagram, and vertical content

SuperNight ModeSupports up to 4K/60fps in low-light scenes with enhanced noise reduction. 10-bit D-Log MPreserves highlight and shadow detail for more flexible color grading in post-production. RockSteady 3.0 StabilizationKeeps action footage smoother during movement, sports, handheld shooting, and outdoor activity. HorizonSteady & HorizonBalancingHelps keep footage level in supported video modes, useful for biking, skiing, motorcycling, and fast motion. 20m Waterproof Without CaseSuitable for underwater shooting up to 20m without the waterproof case, when all covers are properly sealed. Up to 60m Waterproof With CaseSupports deeper underwater shooting when used with the waterproof case. Cold-Resistant Battery PerformanceDesigned to operate from -20°C to 45°C, making it suitable for winter sports and outdoor conditions. Up to 4 Hours Battery Life1950mAh battery supports long shooting sessions under controlled usage conditions. 50GB Usable Built-In StorageIncludes 64GB internal storage, with 50GB available for use, plus microSD expansion up to 1TB. OsmoAudio™ Direct Microphone ConnectionSupports direct microphone connection within DJI's OsmoAudio ecosystem for cleaner voice capture. Dual TouchscreensFront and rear touchscreens make framing, vlogging, and setting adjustment easier. 3 Built-In MicrophonesSupports better onboard audio capture for vlogs, travel, and action scenes.

Technical Specifications

Product Type: Action Camera Model: DJI Osmo Action 6 Dimensions: 72.8 × 47.2 × 33.1mm Weight: 149g Sensor: 1/1.1-inch CMOS Lens Field of View: 155° Aperture: f/2.0-f/4.0 Focus Range at f/4.0: 0.2m to infinity Photo ISO Range: 100-25600 Video ISO Range: 100-51200 in SuperNight mode; up to 25600 in other video modes Electronic Shutter Speed: Photo: 1/8000-30s Video: 1/8000s to frame-rate limit Maximum Photo Resolution: 7168 × 5376 Still Photo Mode: Approx. 38MP Digital Zoom: Photo: Max 2× Video: Max 2× Photo Format: JPEG / RAW Video Format: MP4, HEVC Maximum Video Bitrate: 120Mbps Supported File System: exFAT Built-In Storage: 64GB total, 50GB usable Expandable Storage: microSD up to 1TB Microphones: 3 Audio Recording: 48kHz 16-bit, AAC Waterproof Rating: 20m without case, 60m with waterproof case IP Rating: IP68 for camera and waterproof case Wi-Fi Protocol: Wi-Fi 6.0, 802.11 a/b/g/n/ac/ax Bluetooth Protocol: BLE 5.1 Video Recording Modes 8K 16:9: 7680 × 4320 at 24/25/30fps 4K Custom: 3840 × 3840 at 24/25/30/48/50/60fps 4K 4:3: 3840 × 2880 at 24/25/30/48/50/60/100/120fps 4K 16:9: 3840 × 2160 at 24/25/30/48/50/60/100/120fps 4K 9:16: 2160 × 3840 at 24/25/30/48/50/60/100/120fps 2.7K 4:3: 2688 × 2016 at 24/25/30/48/50/60/100/120fps 2.7K 16:9: 2688 × 1512 at 24/25/30/48/50/60/100/120fps 2.7K 9:16: 1512 × 2688 at 24/25/30/48/50/60/100/120fps 1080p 16:9: 1920 × 1080 at 24/25/30/48/50/60/100/120/200/240fps 1080p 9:16: 1080 × 1920 at 24/25/30/48/50/60/100/120/200/240fps Special Shooting Modes SuperNight: 4K 16:9 at 24/25/30/48/50/60fps 2.7K 16:9 at 24/25/30/48/50/60fps 1080p 16:9 at 24/25/30/48/50/60fps Subject Tracking: 2.7K 16:9 at 24/25/30/48/50/60fps 2.7K 9:16 at 24/25/30/48/50/60fps 1080p 16:9 at 24/25/30/48/50/60fps 1080p 9:16 at 24/25/30/48/50/60fps Slow Motion: 4K: 4× at 120fps 2.7K: 4× at 120fps 1080p: 8× at 240fps, 4× at 120fps Hyperlapse: 4K / 2.7K / 1080p at 25/30fps Auto / ×2 / ×5 / ×10 / ×15 / ×30 Timelapse: 4K / 2.7K / 1080p at 25/30fps Intervals: 0.5s to 60 minutes Duration: 5 minutes to unlimited Stabilization RockSteady 3.0 RockSteady 3.0+ HorizonBalancing HorizonSteady EIS is not supported in Slow Motion and Timelapse modes. HorizonSteady and HorizonBalancing are supported for 1080p, 2.7K, 4K 16:9, and 4K Custom videos at 60fps or below. Display Front Screen:1.46-inch touchscreen, 331ppi, 342 × 342 resolution, 800 cd/m²

typical brightness Rear Screen: 2.5-inch touchscreen, 326ppi, 400 × 712 resolution, 800 cd/m² typical brightness, 1000 cd/m² peak brightness Battery Life Battery Type: Li-ion 1S Capacity: 1950mAh Energy: 7.5Wh Voltage: 3.87V Operating Time: Up to 240 minutes Operating Temperature: -20°C to 45°C Charging Temperature: 5°C to 40°C Battery life is based on controlled conditions: 1080p/24fps recording, RockSteady on, Wi-Fi off, voice and gesture control off, and screens off. Real battery life will vary depending on resolution, frame rate, stabilization, screen use, temperature, Wi-Fi, and shooting mode. Bluetooth Version Bluetooth Protocol: BLE 5.1 Bluetooth Operating Frequency: 2.400–2.4835GHz Bluetooth Transmitter Power: <13dBm Waterproof / Water Resistance Rating 20m Waterproof Without Case 60m Waterproof With Waterproof Case IP68 Rating Before underwater use, the battery cover, USB-C port cover, and glass lens cover must be properly closed and tightened. For long underwater sessions or high water pressure environments, using the waterproof case is recommended. Do not use in hot springs, extreme underwater environments, or corrosive/unknown liquids. What's in the Box DJI Osmo Action 6 Adventure Combo accessories, depending on regional package configuration Battery, mounts, protective frame, charging accessories, and documentation may vary by package