



# Clifton Cameras Product Specification

## Insta360 Ace Pro 2 8K AI Powered Action Camera Full Spec

<b>Product</b>	<b>Insta360 Ace Pro 2 8K AI Powered Action Camera - Co Engineered with Leica</b>
<b>Product Type</b>	AI Powered Action Camera
<b>Description</b>	<p>Co-engineered with Leica, Insta360 Ace Pro 2 features a next-generation 1/1.3" 8K sensor and is the first action camera with a ground-breaking dual AI Chip. A dedicated Pro Imaging Chip utilizes AI for noise reduction and image processing, while an advanced 5nm AI Chip enhances overall performance, making the camera smarter, smoother, and more efficient than before.</p> <p>This versatile action camera excels in any setting, whether it's action sports, travel, or daily life. It features a vlogging-friendly 2.5" flip touchscreen, durable design, and crystal-clear audio with a removable Wind Guard and improved audio algorithms. Powered by AI, it simplifies shooting and editing, letting your creativity shine without limitations.</p>

<b>New Features</b>	<p><b>NEW: DUAL AI CHIP</b> Meet the first action camera with a dedicated imaging chip for noise reduction and image processing, plus a 5nm AI chip for further processing and powerful performance. Delivering 100% more computing power than Insta360 Ace Pro, it's a revolutionary setup with incredible results.</p> <p><b>NEW: LEICA COLOR PROFILES</b> Shoot like Leica. An exclusive set of Leica color profiles infuse your footage with signature color aesthetics, adding a touch of elegance to every shot.</p> <p><b>NEW: I-LOG COLOR PROFILE</b> Bring your vision to life with I-Log. Unlock professional color grading for richer visuals and full editing flexibility.</p> <p><b>NEW: MEGAVIEW</b> Less distortion and straighter, cleaner edges. The new wide-angle MegaView FOV keeps everything looking exactly as you saw it.</p> <p><b>NEW: UNDERWATER MODE</b> Immerse yourself in the deep blue with Underwater Mode, designed for a wider, vivid, and more natural view. Capture every breathtaking moment from beneath the waves.</p> <p><b>NEW: ALL-NEW WIND GUARD</b> The first action camera with an integrated Wind Guard. With an innovative design, it keeps noise at a minimum during peak moments, ready to snap on and off as needed for flawless audio.</p> <p><b>NEW: ADVANCED AUDIO ALGORITHMS</b> Refreshed audio algorithms bring clarity to your content, immersing your viewers like nothing else.</p>
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<b>Upgraded Features</b>	<p><b>UPGRADED: NEXT-GEN 1/1.3" 8K SENSOR</b> With a next-generation 1/1.3" 8K sensor that supports 13.5 stops of dynamic range, Insta360 Ace Pro 2 delivers a truly upgraded performance and powerful imaging, supporting 4K60fps Active HDR and 8K30fps videos.</p> <p><b>UPGRADED: 8K30FPS</b> Immerse yourself in stunning 8K resolution, capturing 300% more pixels than 4K for incredible detail and clarity. Even in motion, enjoy smooth, cinematic 30fps video that brings your adventures to life.</p> <p><b>UPGRADED: 50MP PHOTOS</b> Picture-perfect photos, captured with more pixels than ever. Just check out those incredible details.</p> <p><b>UPGRADED: PUREVIDEO MODE</b> Conquer the darkness. Our advanced dual chip system and sensor deliver stunning clarity even in the most challenging lighting. AI noise reduction ensures crisp details, while enhanced brightness brings your low-light shots to life.</p> <p><b>UPGRADED: 4K60FPS ACTIVE HDR</b> Upgraded to 4K60fps, Active HDR unlocks powerful dynamic range and stabilizes your videos, with enhanced light and shadows in any adventure.</p> <p><b>UPGRADED: PRECISE UNDERWATER COLORS</b> Our advanced underwater color technology ensures vibrant, true-to-life colors, inspiring you to explore the depths like never before.</p> <p><b>UPGRADED: 157° WIDE-ANGLE LENS</b> Capture it all and then some. A wider field of view takes POV shots to the next level, perfect for creating a sense of speed on two wheels.</p>
<b>DD Code</b>	ICCINSBBGA01
<b>Supplier Code</b>	ACEPRO201
<b>Trade</b>	£276.24
<b>SRP</b>	£389.99
<b>Release Date</b>	<b>Embargo until 22/10/24</b>
<b>Product Feature 1</b>	NEW 1/1.3" 8K Sensor & Leica Summarit Lens
<b>Product Feature 2</b>	Dual AI Chip for Superior Image Quality
<b>Product Feature 3</b>	Leading Low Light Performance
<b>Product Feature 4</b>	4K60fps Active HDR Video



<b>Product Feature 5</b>	157° Wide-Angle Capture
<b>Product Feature 6</b>	New Wind Guard for Clearer Audio
<b>Product Feature 7</b>	2.5" Flip Touchscreen
<b>Product Feature 8</b>	FlowState Stabilization & 360° Horizon Lock
<b>Product Feature 9</b>	Rugged & Waterproof to 39ft (12m)
<b>Product Feature 10</b>	AI Auto Editing
<b>Specifications</b>	<p><b>Sensor Size:</b> 1/1.3"</p> <p><b>Lens FOV:</b> 157°</p> <p><b>AI Chip:</b> Dual AI Chip: 5nm AI Chip + Pro Imaging Chip</p> <p><b>Aperture:</b> F2.6</p> <p><b>35mm Equivalent Focal Length:</b> 13mm</p> <p><b>Screen:</b> 2.5" Flip Touchscreen   PPI +70%, Brightness +6%</p> <p><b>Max. Video Setting:</b> 8K30fps</p> <p><b>Max. Photo Setting:</b> 50MP: 8192x6144 (16:9)</p> <p><b>Zoom:</b> Video: up to 2.0x Clarity Zoom</p> <p><b>Active HDR Video:</b> Max. 4K60fps</p> <p><b>Pre-recording:</b> Max 120s</p> <p><b>Stabilization:</b> FlowState: Off / Standard/ High In-Camera Horizon Lock: 360° / 45°</p> <p><b>Waterproof:</b> Without Dive Case: 39ft (12m) With Dive Case: 197ft (60m)</p> <p><b>Voice Control:</b> 5 commands (English, Japanese, Chinese) Take a photo, start recording, stop recording, mark that, shutdown camera</p> <p><b>Gesture Control:</b> 2 commands 'Palm'/Peace' to start/stop recording or take a photo</p> <p><b>Video Modes:</b> Video (with built-in Active HDR), FreeFrame Video, PureVideo, Slow Motion, Timelapse, TimeShift, Loop Recording, Dashcam, Pre-Recording</p> <p><b>Photo Modes:</b> Photo, HDR Photo, Interval Photo, Starlapse, Burst Photo</p> <p><b>Audio Modes:</b> Wind Reduction, Voice Enhancement, Stereo</p> <p><b>Aspect Ratio:</b> 4:3   16:9   2.35:1</p> <p><b>Color Profiles:</b> Standard, Vivid, Leica Vivid, Leica Natural, Portrait, Film, Vintage, Urban, Night</p> <p><b>Log Colour:</b> L-Log</p> <p><b>Operating Temperatures:</b> -4°F to 113°F (-20°C to 45°C)</p>

<b>Video &amp; Photo Resolution.</b>	<p><b>Video Resolution:</b></p> <p><b>Video</b></p> <p><i>*Active HDR available up to 4K60fps.</i></p> <p>8K (16:9): 7680x4320@30/25/24fps</p> <p>8K (2.35:1): 7680x3272@30/25/24fps</p> <p>4K (4:3): 4096x3072@60/50/48/30/25/24fps</p> <p>4K (16:9): 3840x2160@120/100/60/50/48/30/25/24fps</p> <p>4K (2.35:1): 3840x1632@120/100/60/50/48/30/25/24fps</p> <p>2.7K (4:3): 2688x2016@60/50/48/30/25/24fps</p> <p>2.7K (16:9): 2688x1520@120/100/60/50/48/30/25/24fps</p> <p>1440p (4:3): 1920x1440@60/50/48/30/25/24fps</p> <p>1080p (16:9): 1920x1080@240/200/120/100/60/50/48/30/25/24fps</p> <p><b>FreeFrame Video</b></p> <p>4K (4:3): 4096x3072@60/50/48/30/25/24fps</p> <p>2.7K (4:3): 2688x2016@60/50/48/30/25/24fps</p> <p>1440p (4:3): 1920x1440@60/50/48/30/25/24fps</p> <p><b>Photo Resolution:</b></p> <p>50MP (8192x6144)</p> <p>36MP (8192x4608)</p> <p>12.5MP (4096x3072)</p> <p>9MP (4096x2304)</p>
<b>Battery information</b>	<p><b>Battery:</b> 1800mAh</p> <p><b>Charging Method:</b> Type-C</p> <p><b>Charging Time:</b> 47 mins (30W fast charging adapter) / 75 mins (5V/3A)</p> <p><b>Run Time:</b> TBD</p>
<b>Weights &amp; Dimensions</b>	<p><b>Dimensions (W x H x D) :</b> 71.9x52.2x30.5mm (2.8x2.1x1.2in)</p> <p><b>Weight:</b> 177.7g (6.3oz)</p>
<b>Compatability</b>	<p>TBC</p>



<b>Package Contents</b>	1x Insta360 Ace Pro 2 (with Wind Guard installed) 1x Battery 1x Standard Mount 1x Mini Cap 1x Type-C to C Cable 1x Quick Start Guide
<b>Barcode</b>	6970357859733