

GENERAL

Product Name	Zenmuse X5S
Dimensions	140 × 98 × 32 mm
Weight (Lens Excluded)	461 g

GIMBAL

Angular Vibration Range	±0.01°
Mount	Detachable
Controllable Range	Tilt: +40° to -130°; Pan: ±320°; Roll: ±20°
Mechanical Range	Tilt: +50° to -140°, Pan: ±330°, Roll: +90° to +30°
Max Controllable Speed	Tilt: 180° /s; Pan: 270° /s; Roll: 180° /s

CAMERA

Sensor	Sensor Size (Still): 23.5×15.7 mm Sensor Size (Max video recording area): 23.5×12.5 mm Effective Pixels: 24 MP
Supported Lenses	DJI MFT 15mm/1.7 ASPH (With Balancing Ring and Lens Hood) Panasonic Lumix 15mm/1.7 (With Balancing Ring and Lens Hood) Panasonic Lumix 14-42mm/3.5-5.6 HD Olympus M.Zuiko 12mm/2.0 (With Balancing Ring) Olympus M.Zuiko 17mm/1.8 (With Balancing Ring) Olympus M.Zuiko 25mm/1.8 Olympus M.Zuiko 45mm/1.8 Olympus M.Zuiko 9-18mm/4.0-5.6
Supported Micro SD/SSD Cards	MicroSD: Class 10 or UHS-1 rating with a writing speed of 15 MB/s required; Max capacity: 64 GB SSD: DJI CINESSD DJI CINESSD: DNG Micro SD: DNG, JPEG, DNG+JPEG
Photo Sizes	4:3, 5280×3956 16:9, 5280×2970
Operation Modes	Capture, Record, Playback
Still Photography Modes	Micro SD: Single shot, Burst Shooting: 3/5/7/10/14 frames, Auto Exposure Bracketing, 3/5 bracketed frames at 0.7EV bias, Interval SSD: RAW Burst Shooting:
Shutter Speed	Electronic Shutter Speed: 8-1/8000s
ISO Range	100 – 6400 (Video) 100 – 25600 (Stills)

CAMERA FEATURES

Exposure Mode	Auto, Manual, Shutter Priority, Aperture Priority
Exposure Compensation	±3.0 (1/3 increments)
Metering	Center-Weighted Metering, Spot Metering (12x8 area selection)
AE Lock	Supported
White Balance	Auto, Sunny, Cloudy, Incandescent, Neon (2000 K–10000 K)
Video Caption	Supported
PAL/NTSC	Supported

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Video Formats	CINESSD: CinemaDNG, ProRes Micro SD: MOV, MP4
Video Resolution	Aspect Ratio 17:9 CinemaDNG 4K DCI: 4096×2160 23.976/24/25/29.97p, up to 2.4Gbps; 50/59.94p, up to 4.0Gbps H.264 4K DCI: 4096×2160 23.976/24/25/29.97/47.95/50/59.94p @100Mbps H.265 4K DCI: 4096×2160 23.976/24/25/29.97p @100Mbps Aspect Ratio 16:9 CinemaDNG 4K Ultra HD: 3840×2160 23.976/24/25/29.97p, up to 2.4Gbps; 50/59.94p, up to 4.0Gbps ProRes 4K Ultra HD: 3840×2160 23.976/24/25/29.97p, 422 HQ @900Mbps; 23.976/24/25/29.97p, 4444 XQ @2.0Gbps H.264 4K Ultra HD: 3840×2160 23.976/24/25/29.97/47.95/50/59.94 p @100Mbps 2.7K: 2720×1530 23.976/24/25/29.97p @80Mbps; 47.95/50/59.94p @100Mbps FHD: 1920×1080 23.976/24/25/29.97p @60Mbps; 47.95/50/59.94p @80Mbps; 119.88p @100Mbps H.265 4K Ultra HD: 3840×2160 23.976/24/25/29.97p @100Mbps 2.7K: 2720×1530 23.976/24/25/29.97p @65Mbps; 47.95/50/59.94p @80Mbps FHD: 1920×1080 23.976/24/25/29.97p @50Mbps; 47.95/50/59.94p @65Mbps; 119.88p @100Mbps Aspect Ratio 2.44:1 CinemaDNG 5.2K: 5280×2972 23.976/24/25/29.97p, up to 4.2Gbps ProRes 5.2K: 5280×2160 23.976/24/25/29.97p, 422 HQ @1.3Gbps H.264/H.265 4K Ultra HD: 3840×1572 23.976/24/25/29.97p @100Mbps

TEMPERATURE

Operating Temperature	14°–104°F (-10 to 40° C)
Storage Temperature Range	-4 to 140° F (-20 to 60° C)