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ZENMUSE X5S

M 4/3	5.2K 30FPS 4K 60FPS	20.8MP STILL	12.8 STOPS 12-BIT RAW	20FPS CONTINUOUS BURST
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ZENMUSE X5S

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GENERAL

Name	Zenmuse X5S
Dimensions	140*98*132 mm
Weight	461 g (Lens Kit)

CAMERA

Supported Lens	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
Sensor	CMOS, 4/3" Effective Pixels: 20.8MP
FOV	72° (with DJI MFT 15mm/1.7 ASPH)
Photo Resolutions	4:3, 5280×3956 16:9, 5280×2970
Video Resolutions	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 23.976/24/25/29.97/47.95/50/59.94p @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
Photo Formats	DNG, JPEG, DNG+JPEG
Video Formats	RAW, ProRes, MOV, MP4
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; 3/5/7/10/14/20 ⁺ frames
Exposure Mode	Auto, Manual, Shutter, Aperture
Exposure Compensation	±3.0 (1/3 increments)
Metering Mode	Center-weighted metering, Spot metering (area option 12x8)
AE Lock	Supported
Electronic Shutter Speed	8-1/8000s
White Balance	Auto, Sunny, Cloudy, Incandescent, Neon Custom (2000K-10000K)
ISO Range	100 - 6400 (Video) 100 - 25600 (Stills)
Video Captions	Supported
Anti-Flicker	Auto, 50Hz, 60Hz
PAL/NTSC	Supported

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 -50°
Max Controllable Speed	Tilt: 180°/s; Pan: 270°/s; Roll: 180°/s

ENVIRONMENTAL

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

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DOCUMENTS & MANUALS

Zenmuse X5S User Manual V1.4 2018-04-20	PDF
Zenmuse X5S Quick Start Guide 2016-12-30	PDF
Linear to D-Log LUT User Instruction 2018-03-06	PDF

SOFTWARE

D-Log to Rec.709 LUT 2018-01-04	ZIP
Linear to D-Log LUT 2018-01-04	ZIP

APP / LIVE VIEW

iOS V 4.3.37

Requires iOS 10.0.0 or later (Mavic 2 Pro/Zoom requires iOS 10.0.2 or later).
Compatible with iPhone X, iPhone 8 Plus, iPhone 8, iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone SE, iPad Pro, iPad, iPad Air 2, iPad mini 4.
Optimized for iPhone X.

Android V4.3.36

Requires Android 5.0 or later.
Compatible with Samsung S9+, Samsung S9, Samsung S8+, Samsung S7, Samsung S7 Edge, Samsung S6, Samsung S6 Edge, Samsung Note 8, Huawei P20 Pro, Huawei P20, Huawei P10 Plus, Huawei P10, Huawei Mate 10 Pro, Huawei Mate 10, Huawei Mate 9 Pro, Huawei Mate 9, Huawei Mate 8, Honor 10, Honor 9, Vivo X20, Vivo X9, OPPO Find X, OPPO R15, OPPO R11, Mi Mix 2S, Mi Mix 2, Mi 8, Mi 6, Redmi Note 5, Google Pixel 2XL, OnePlus 6, OnePlus 5T.

*Support for additional devices available as testing and development continues.



ZENMUSE X5S FAQ

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FAQ

- How is the Zenmuse X5S different from Zenmuse X4S? >
- How is the Zenmuse X5S different from the Zenmuse X5R? >
- Can I use the Zenmuse X5S separately as a stand-alone camera? >
- How is Apple ProRes video recorded by the Zenmuse X5S different from ProRes recorded using the Zenmuse X5R? >
- What storage devices does the Zenmuse X5S support? >
- How are the X5S camera, Inspire 2, DJI Inspire 2 License Key and CINESSD related? >
- Where are Zenmuse X5S images stored? >
- How does the Zenmuse X5S record CinemaDNG and Apple ProRes video? >
- How is the H.265 codec superior to H.264? >
- What will the focal length of lenses be when used with the Zenmuse X5S? >

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