



Clifton Cameras Product Specification

DJI Zenmuse X5S Camera Full Spec

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