

ZENMUSE X5S



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 UltraHD: 3840×2160 23.976/24/25/29.97p,
up to 2.4Gbps; 50/59.94p, up to 4.0Gbps

ProRes

4K UltraHD: 3840×2160 23.976/24/25/29.97p,
422 HQ @900Mbps; 23.976/24/25/29.97p,
4444 XQ @2.0Gbps

H.264

4K UltraHD: 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

GRIDX
metering and control

ZENMUSE X5S



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)

GRIDX
metering and control