

Panasonic

GH5S



Specifications

Imaging

Lens Mount	Micro Four Thirds
Camera Format	Micro Four Thirds (2x Crop Factor)
Pixels	Actual: 11.93 Megapixel Effective: 10.28 Megapixel
Max Resolution	10 MP: 3680 x 2760
Aspect Ratio	1:1, 3:2, 4:3, 16:9
Sensor Type / Size	MOS, 17.3 x 13 mm
File Formats	Still Images: JPEG, RAW Movies: AVCHD Ver. 2.0, H.264, MOV, MP4, MPEG-4 AVC/H.264 Audio: AAC, Dolby Digital 2ch, Linear PCM (Stereo)
Bit Depth	14-Bit
Dust Reduction System	Yes
Memory Card Type	SD SDHC SDXC
Image Stabilisation	<i>None</i>

AV Recording

Video Recording	Yes, NTSC/PAL
Video Format	4096 x 2160p at 23.98, 24, 25, 29.97, 50, 59.94 fps 3840 x 2160p at 23.98, 24, 25, 29.97, 50, 59.94 fps 3328 x 2496p at 23.98, 24, 25, 29.97, 50, 59.94 fps 1920 x 1080p at 23.98, 24, 25, 29.97, 50, 59.94, 120, 240 fps
Aspect Ratio	16:9
Audio Recording	Built-In Mic: With Video (Stereo) Optional External Mic: With Video (Stereo + Mono)

Focus Control

Focus Type	Auto & Manual
Focus Mode	Continuous-Servo AF (C), Flexible (AFF), Manual Focus (M), Single-servo (S)
Autofocus Points	Contrast Detection: 225

Viewfinder/Display

Viewfinder Type	Electronic
Viewfinder Pixel Count	3,686,000
Viewfinder Eye Point	21.00 mm
Viewfinder Coverage	100%
Viewfinder Magnification	Approx. 0.76x

Diopetre Adjustment	-4 to +3 m
Display Screen	3.2" Rear Touchscreen Swivel Touchscreen LCD (1,620,000)
Screen Coverage	100%
Exposure Control	
ISO Sensitivity	Auto, 160-51200 (Extended Mode: 80-204800)
Shutter	Type: Electronic & Mechanical Speed: 60 - 1/8000 Second Type: Electronic & Mechanical Speed: 30 - 1 Minute in Bulb Mode 1/24 - 1/16000 Second in Movie Mode Type: Electronic Speed: 1 - 1/16000 Second
Remote Control	DMW-RSL1 (Optional)
Metering Method	Centre-Weighted Average Metering, Multiple, Spot Metering
Exposure Modes	Modes: Aperture Priority, Manual, Programmed Auto, Shutter Priority Metering Range: EV 0.0 - EV 18.0 Compensation: -5 EV to +5 EV (in 1/3 EV Steps)
White Balance Modes	Auto, Cloudy, Colour Temperature, Daylight, Flash, Incandescent, Shade Set 1, White Set 2, White Set 3, White Set 4
Buffer/Continuous Shooting	Up to 12 fps at 10.3 MP for up to 80 Frames in Raw Format Up to 11 fps at 10.3 MP for up to 80 Frames in Raw Format Up to 12 fps at 10.3 MP for up to 600 Frames in JPEG Format Up to 11 fps at 10.3 MP for up to 600 Frames in JPEG Format Up to 8 fps at 10.3 MP Up to 7 fps at 10.3 MP Up to 6 fps at 10.3 MP Up to 5 fps at 10.3 MP Up to 2 fps at 10.3 MP Up to 60 fps at 8 MP
Flash	
Flash Modes	Auto Auto/Red-Eye Reduction Forced On Forced On/Red-Eye Reduction Off Slow Sync Slow Sync/Red-Eye Reduction
Built-in Flash	No
Max Sync Speed	1 / 250 Second
Flash Compensation	-3 EV to +3 EV (in 1/3 EV steps)
Dedicated Flash System	TTL
External Flash Connection	Hot Shoe, PC Terminal
Performance	
Self Timer	10 Seconds, 2 Seconds
Interval Recording	Yes

Connectivity	1/8" Headphone, 1/8" Microphone, 2.5mm Sub-mini (2-Ring), HDMI A (Full Size), USB 3.0, USB Type-C, Viera Link, X-Sync Socket
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Wi-Fi Capable	Yes
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Power

Battery	1 x DMW-BLF19 Rechargeable Lithium-Ion Battery Pack, 7.2 VDC, 1860mAh
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Operating/Storage Temperature	Operating 14 to 104°F (-10 to 40°C) Humidity: 10 - 80%
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Physical

Dimensions (W x H x D)	138.5 x 98.1 x 87.4 mm
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Weight	660 g with battery and memory card
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