

The Sony A7S III

Mass	Approx. 4.41 lb (body only) Approx. 9.92 lb (with Viewfinder, Eyepiece, Grip Remote Control, BP-U35 battery, SELP18110G LENS without tripod mount, an XQD memory card)
Dimensions (W x H x D)	158.9 x 245.2 x 247mm (body without protrusions)
Power Requirements	Power Requirements DC 12.0 V (AC adapter)
Power Consumption	Approx. 19W (while recording XAVC-I QFHD 59.94P, SELP18110G Lens, Viewfinder ON, not using external device)
Operating Temperature	0°C to 40°C / 32°F to 104°F
Storage Temperature	-20°C to +60°C / -4°F to +140°F
Recording Format (Video)	XAVC-I mode:DCI4K 59.94P CBG, bit rate 600Mbps, MPEG-4 H.264/AVC XAVC-I mode:DCI4K 50P CBG, bit rate 500Mbps, MPEG-4 H.264/AVC XAVC-I mode:DCI4K 29.97P CBG, bit rate 300Mbps, MPEG-4 H.264/AVC XAVC-I mode:DCI4K 23.98P CBG, bit rate 240Mbps, MPEG-4 H.264/AVC XAVC-I mode:DCI4K 24.00P CBG, bit rate 240Mbps, MPEG-4 H.264/AVC XAVC-I mode:DCI4K 25P CBG, bit rate 250Mbps, MPEG-4 H.264/AVC XAVC-I mode:QFHD 59.94P CBG, bit rate 600Mbps, MPEG-4 H.264/AVC XAVC-I mode:QFHD 50P CBG, bit rate 500Mbps, MPEG-4 H.264/AVC XAVC-I mode:QFHD 29.97P CBG, bit rate 300Mbps, MPEG-4 H.264/AVC XAVC-I mode:QFHD 23.98P CBG, bit rate 240Mbps, MPEG-4 H.264/AVC XAVC-I mode:QFHD 25P CBG, bit rate 250Mbps, MPEG-4 H.264/AVC XAVC-I mode:HD 59.94P VBR, maximum bit rate 222Mbps, MPEG-4 H.264/AVC XAVC-I mode:HD 50P VBR, maximum bit rate 185Mbps, MPEG-4 H.264/AVC XAVC-I mode:HD 59.94i VBR, maximum bit rate 111Mbps, MPEG-4 H.264/AVC XAVC-I mode:HD 50i VBR, maximum bit rate 112Mbps, MPEG-4 H.264/AVC XAVC-I mode:HD 29.97P VBR, maximum bit rate 111Mbps, MPEG-4 H.264/AVC XAVC-I mode:HD 23.98P VBR, maximum bit rate 89Mbps, MPEG-4 H.264/AVC XAVC-I mode:HD 25P VBR, maximum bit rate 112Mbps, MPEG-4 H.264/AVC XAVC-L QFHD 59.94P/50P mode: VBR, maximum bit rate 150Mbps, MPEG-4 H.264/AVC XAVC-L QFHD 29.97P/23.98P/25P mode: VBR, maximum bit rate 100Mbps, MPEG-4 H.264/AVC XAVC-L HD 50 mode: VBR, maximum bit rate 50Mbps, MPEG-4 H.264/AVC XAVC-L HD 35 mode:VBR, maximum bit rate 35Mbps, MPEG-4 H.264/AVC XAVC-L HD 25 mode:VBR, maximum bit rate 25Mbps, MPEG-4 H.264/AVC MPEG HD422 mode:CBR, maximum bit rate 50Mbps, MPEG-2 422P@HL
Recording Format Audio	LPCM 24 bits, 48 kHz, 4 channels
Recording Frame Rate	XAVC-I DCI4K mode: 4096x2160/ 59.94P, 50P, 29.97P, 23.98P, 24P, 25P XAVC-I QFHD mode: 3840x2160/ 59.94P, 50P, 29.97P, 23.98P, 25P XAVC-I HD mode: 1920x1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P XAVC-L QFHD mode: 3840x2160/59.94P, 50P, 29.97P, 23.98P, 25P XAVC-L HD 50 mode: 1920x1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P XAVC-L 35 mode: 1920x1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P XAVC-L 25 mode: 1920x1080/59.94i, 50i MPEG HD422 mode: 1920x1080/59.94i, 50i, 29.97P, 23.98P, 25P 1280x720/59.94P, 50P, 29.97P, 23.98P, 25P

Recording/ Playback Time	XAVC-I mode QFHD 59.94P When using QD-G128A(128GB): Approx. 22 minutes XAVC-I mode QFHD 50P When using QD-G128A(128GB): Approx. 26 minutes XAVC-I mode QFHD 29.97P When using QD-G128A(128GB): Approx. 44 minutes XAVC-I mode QFHD 23.98P When using QD-G128A(128GB): Approx. 55 minutes XAVC-I mode QFHD 25P When using QD-G128A(128GB): Approx. 52 minutes XAVC-I mode HD 59.94P When using QD-G128A(128GB): Approx. 59 minutes XAVC-I mode HD 50P When using QD-G128A(128GB): Approx. 71 minutes XAVC-I mode HD 59.94i When using QD-G128A(128GB): Approx. 118 minutes XAVC-I mode HD 50i When using QD-G128A(128GB): Approx. 141 minutes XAVC-I mode HD 29.97P When using QD-G128A(128GB): Approx. 118 minutes XAVC-I mode HD 23.98P When using QD-G128A(128GB): Approx. 147 minutes XAVC-I mode HD 25P When using QD-G128A(128GB): Approx. 141 minutes XAVC-L mode QFHD 59.94P/50P When using QD-G128A(128GB): Approx. 87 minutes XAVC-L mode QFHD 29.97P/23.98P/25P mode: When using QD-G128A(128GB): Approx. 131 minutes XAVC-L 50 mode When using QD-G128A(128GB): Approx. 262 minutes XAVC-L 35 mode When using QD-G128A(128GB): Approx. 374 minutes XAVC-L 25 mode When using QD-G128A(128GB): Approx. 524 minutes MPEG HD422 mode When using QD-G128A(128GB): Approx. 262 minutes
Lens Mount	E-mount (lever lock type)
Imaging Device (Type)	Super35 type Single-chip Exmor CMOS
Effective Picture Elements	17:9 4096 (H) x 2160 (V) / 16:9 3840 (H) x 2160 (V) ND filters, OFF: CLEAR, 1: 1/4ND, 2: 1/16ND, 3: 1/64ND Linear variable ND (1/4ND to 1/128ND)
Built-in Optical Filters	Video Gamma: T14 (3840 x 2160/23.98P mode 3200K)
Sensitivity (2000 lx, 89.9% Reflectance)	ISO 2000(S-Log3 Gamma D55 Light source)
ISO Sensitivity	0.7 lx (+18dB,23.98P,Shutter OFF,ND Clear, F1.4)
Minimum Illumination	57 dB (Y) (typical)
S/N Ratio	1/3 sec to 1/9,000 sec
Shutter Speed	XAVC-I mode 3840x2160: 1 to 60 frames (59.94P, 50P, 29.97P, 23.98P, 25P) XAVC-I mode 1920x1080: 1 to 180 frames (59.94P, 29.97P, 23.98P) 1 to 150 frames (50P,25P) XAVC-L mode 3840x2160: 1 to 60 frames (59.94P, 50P, 29.97P, 23.98P, 25P) XAVC-L mode 1920x1080: 1 to 120 frames (59.94P, 50P, 29.97P, 23.98P, 25P)
White Balance	Preset, Memory A, Memory B(1500K-50000K)/ATW
Gain	-3, 0, 3, 6, 9, 12, 18 dB, AGC
Gamma Curve	STD,HG,User,S-Log2, S-Log3
Audio Input	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable Mic Reference: -40, -50, -60dBu
SDI OutputB	NC(x2), switchable with 3G-SDI/HD-SDI SMTPE292M/424M/425M
USB	USB device, mini-B (x1)
Headphone Output	Stereo mini jack (x1) -16dBu 16Ω

Speaker Output	Monaural
DC Input	DC jack
Remote	Stereo mini-mini jack (Ø2.5 mm)
HDMI Output	Type A (x1)
Input/ Output Option	4-pin, Type A for W-LAN (x1)
Built-in LCD Monitor	8.8cm (3.5 type) Approx. 1.56M dots
Built-in Microphone	Omni-directional monaural electret condenser microphone
Media Type	XQD Card slot(x2) / SD Card slot(x1) for saving configuration data

Specifications are provided for the informational use of our clients and are taken from sources deemed to be reliable, but not guaranteed. Exact specifications may vary due to issues such as firmware or version. Please check with the team at Triode regarding any mission critical specifications before renting any equipment. <https://triode.tv/contact/> or call 717-455-3940.