



Identity Number	K1.0014744
Model	ALEXA SXT W
Sensor Type	Super 35 format ARRI ALEV III CMOS sensor with Bayer pattern color filter array
Sensor Maximum Resolution and Size	3424 x 2202 28.25 x 18.17 mm / 1.112 x 0.715" ø 33.59 mm / 1.322"
Sensor Frame Rates	0.75 - 120 fps
Weight	~7.4 kg / ~16.3 lbs (camera body with PL lens mount)
Photosite Pitch	8.25 µm
Sensor Active Image Area Photosites	16:9 ProRes HD: 2880 x 1620 16:9 ProRes 2K: 2880 x 1620 16:9 ProRes 3.2K: 3200 x 1800 16:9 Prores 4K UHD: 3200 x 1800 16:9 ARRIRAW 2.8K: 2880 x 1620 16:9 ARRIRAW 3.2K: 3168 x 1782 6:5 ProRes 2K Anamorphic: 2560 x 2146 6:5 ProRes 4K Cine Anamorphic: 2560 x 2146 6:5 ARRIRAW 2.6K: 2578 x 2160 4:3 ProRes 2.8K: 2880 x 2160 4:3 ARRIRAW 2.8K: 2880 x 2160 Open Gate ProRes 3.4K: 3424 x 2202 Open Gate ProRes 4K Cine: 3414 x 2198 Open Gate ARRIRAW 3.4K: 3424 x 2202
Sensor Active Image Area Dimensions	16:9 ProRes HD: 23.76 x 13.37 mm / 0.935 x 0.526" 16:9 ProRes 2K: 23.76 x 13.37 mm / 0.935 x 0.526" 16:9 ProRes 3.2K: 26.40 x 14.85 mm / 1.039 x 0.585" 16:9 Prores 4K UHD: 26.40 x 14.85 mm / 1.039 x 0.585" 16:9 ARRIRAW 2.8K: 23.76 x 13.37 mm / 0.935 x 0.526" 16:9 ARRIRAW 3.2K: 26.14 x 14.70 mm / 1.029 x 0.579" 6:5 ProRes 2K Anamorphic: 21.12 x 17.70 mm / 0.831 x 0.697" 6:5 ProRes 4K Cine Anamorphic: 21.12 x 17.70 mm / 0.831 x 0.697" 6:5 ARRIRAW 2.6K: 21.38 x 17.82 mm / 0.842 x 0.702" 4:3 ProRes 2.8K: 23.76 x 17.82 mm / 0.935 x 0.702" 4:3 ARRIRAW 2.8K: 23.76 x 17.82 mm / 0.935 x 0.702" Open Gate ProRes 3.4K: 28.25 x 18.17 mm / 1.112 x 0.715" Open Gate ProRes 4K Cine: 28.17 x 18.13 mm / 1.109 x 0.714" Open Gate ARRIRAW 3.4K: 28.25 x 18.17 mm / 1.112 x 0.715"
Recording File Container Size	16:9 ProRes HD: 1920 x 1080 16:9 ProRes 2K: 2048 x 1152 16:9 ProRes 3.2K: 3200 x 1824 16:9 Prores 4K UHD: 3840 x 2160 16:9 ARRIRAW 2.8K: 2880 x 1620 16:9 ARRIRAW 3.2K: 3168 x 1782 6:5 ProRes 2K Anamorphic: 2048 x 858 6:5 ProRes 4K Cine Anamorphic: 4096 x 1716 6:5 ARRIRAW 2.6K: 2592 x 2160 4:3 ProRes 2.8K: 2944 x 2176 4:3 ARRIRAW 2.8K: 2944 x 2176 Open Gate ProRes 3.4K: 3456 x 2202 Open Gate ProRes 4K Cine: 4096 x 2636 Open Gate ARRIRAW 3.4K: 3424 x 2202

Recording File Image Content	<p>16:9 ProRes HD: 1920 x 1080          16:9 ProRes 2K: 2048 x 1152          16:9 ProRes 3.2K: 3200 x 1800          16:9 Prores 4K UHD: 3840 x 2160          16:9 ARRIRAW 2.8K: 2880 x 1620          16:9 ARRIRAW 3.2K: 3168 x 1782          6:5 ProRes 2K Anamorphic: 2048 x 858          6:5 ProRes 4K Cine Anamorphic: 4096 x 1716          6:5 ARRIRAW 2.6K: 2578 x 2160          4:3 ProRes 2.8K: 2880 x 2160          4:3 ARRIRAW 2.8K: 2280 x 2160          Open Gate ProRes 3.4K: 3424 x 2202          Open Gate ProRes 4K Cine: 4096 x 2636          Open Gate ARRIRAW 3.4K: 3424 x 2202</p>
Exposure Latitude	14+ stops over the entire sensitivity range from EI 160 to EI 3200 as measured with the ARRI Dynamic Range Test Chart (DRTC-1)
Exposure Index	Adjustable from EI 160-3200 in 1/3 stops EI 800 base sensitivity
Shutter	Electronic shutter, 5.0° - 358°
Recording Formats	ARRIRAW (.ari) Apple ProRes 4444 XQ Apple ProRes 4444 Apple ProRes 422 HQ Apple ProRes 422
Recording Media	SXR Capture Drives XR Capture Drives SxS PRO+ Cards CFast 2.0 Cards
Recording Frame Rates	<p>16:9 ProRes HD: 0.75 - 120 fps          16:9 ProRes 2K: 0.75 - 120 fps          16:9 ProRes 3.2K: 0.75 - 72 fps          16:9 Prores 4K UHD: 0.75 - 50 fps          16:9 ARRIRAW 2.8K: 0.75 - 120 fps          16:9 ARRIRAW 3.2K: 0.75 - 120 fps          6:5 ProRes 2K Anamorphic: 0.75 - 96 fps          6:5 ProRes 4K Cine Anamorphic: 0.75 - 60 fps          6:5 ARRIRAW 2.6K: 0.75 - 96 fps          4:3 ProRes 2.8K: 0.75 - 60 fps          4:3 ARRIRAW 2.8K: 0.75 - 96 fps          Open Gate ProRes 3.4K: 0.75 - 60 fps          Open Gate ProRes 4K Cine: 0.75 - 48 fps          Open Gate ARRIRAW 3.4K: 0.75 - 90 fps</p>
Recording Modes	Standard real-time recording Pre-recording (ProRes only) No Intervalometer
Viewfinder Type	Electronic Viewfinder EVF-1
Viewfinder Technology	F-LCOS viewfinder display
Viewfinder Resolution Pixel	1280 x 784
Viewfinder Diopter	Adjustable from -5 to +5 diopters
Color Output	Rec 709 Rec 2020 Log C Custom Look (ARRI Look File ALF-2)
Look Control	Import of custom 3D LUT ASC CDL parameters (slope, offset, power, saturation)

White Balance	Manual and auto white balance, adjustable from 2000K to 11000K in 100K steps Color correction adjustable range from -12to +12 CC 1 CC corresponds to 035 Kodak CC values or 1/8 Rosco values
Filters	Manual behind the lens FSND filters: Optical Clear, 0.3, 0.6, 0.9, 1.2, 1.5, 1.8, 2.1, 2.4 Fixed optical low pass, UV, IR filter
Image Outputs	1x proprietary signal output for EVF-1 viewfinder 4x MON OUT: 1,5G (SMPTE ST292-1) uncompressed HD video with embedded audio and metadata
Lens Squeeze Factors	1.00 1.30 2.00, 2.00 mag.
Exposure and Focus Tools	False Color Peaking Zoom
Audio Input	1x XLR 5pin balanced stereo line in (Line input max. level +24dBu correlating to 0dBFS)
Audio Output	3,5mm stereo headphone jack SDI (embedded)
Audio Recording	2 channel linear PCM, 24 bit 48 kHz
Remote Control Options	Web-based remote control from phones, tablets and laptops via WiFi & Ethernet WCU-4 hand unit with control over lens motors and operational parameters via built-in white radio Remote Control Unit RCU-4 via Ethernet
Interfaces	1x LEMO 5pin LTC Timecode In/Out 1x BNC SDI Return In 1x LEMO 16pin EXT for accessories and sync 1x LEMO 10pin Ethernet for remote control and sync 1x SD Card (for user setups, look files etc) 3x Fischer 12pin connectors for CLM lens motors 2x Fischer 5pin LCS Lens Control System connectors for hand units 1x LDD Lens Data Display connector
Wireless Interfaces	Built-in WiFi module (IEEE 802.11b/g) Built-in White Radio for ARRI lens and camera remote control Built-in Wireless Video System
Lens Mounts	PL lens mount LPL lens mount
Flange Focal Depth	PL mount: 52 mm LPL mount: 44 mm
Power Input	1x Fischer 2pin BAT connector (10.5-34 V DC) 1x On-board battery interface (10.5-34 V DC)
Power Consumption	min. 88W max. 141W (Camera body with EVF-1)
Power Outputs	3x Fischer 3pin 24V RS 1x LEMO 2pin 12V

Power Management	Active ORing between BAT connector and on-board battery adapters
Measurements HxWxL	158 x 189 x 351 mm / 6.22 x 7.44 x 13.82" (camera body with PL lens mount)
Operating Temperature	-20° C to +45° C / -4° F to +113° F @ 95% relative humidity max, non condensing
Storage Temperature	-30° C to +70° C / -22° F to +158° F
Sound Level	< 20 dB(A) at 24fps
Software Licenses	-