



Clifton Cameras Product Specification

Sony FDR-AX43A 4K Handycam Full Spec

Imaging Sensor	1/2.5 type(7.20mm) back-illuminated Exmor R CMOS Sensor
Processor	BIONZ X image processor
Pixel Gross	approx. 8.57 Megapixels
Effective Picture Resolution(movie)	approx. 8.29 Megapixels(16:9)*1
Effective Picture Resolution(still)	approx. 8.29 Megapixels(16:9)/approx. 6.22 Megapixels(4:3)
Color Filter System	RGB primary color filters
Recording	Microphones.Max input level
	Frequency Response
	S/N Ratio
	Total Harmonic Distortion (Line Input to Line Output)
	Wow and Flutter
Media Type	XAVC S 4K(100Mbps): SDHC Memory Card(4GB or over,UHS-I U3 or Higher)/SDXC Memory Card(UHS-I U3 or Higher)
	XAVC S 4K(60Mbps): SDHC Memory Card(4GB or over,Class10 or Higher)/SDXC Memory Card(Class10 or Higher)
	XAVC S HD: SDHC Memory Card(4GB or over,Class10 or Higher)/SDXC Memory Card(Class10 or Higher)
	AVCHD,Still: Memory Stick PRO Duo (Mark 2), Memory Stick PRO-HG Duo, Memory Stick XC-HG Duo, SD/SDHC/SDXC Memory Card(Class 4 or Higher)
Maximum Capacity of External Media	256GB(As of 12/2019)
Internal Media	-
Still Image File Format	DCF Ver.2.0 compatible, Exif Ver.2.3 compatible, MPF Baseline compatible
Still Image Mode	JPEG
Still Image Max Effective	16.6 Megapixels
Still Image Size(Movie Mode)	M: 8.3 Megapixels 16:9 (3840x2160)
	S: 2.1 Megapixels 16:9 (1920x1080)
Still Image Size(Photo Mode)	L: 16.6 Megapixels 16:9 (5440x3056),12.5 Megapixels 4:3 (4080x3056)



	M: 8.3 Megapixels 16:9 (3840x2160),6.2 Megapixels 4:3 (2880x2160)
	S: 2.1 Megapixels 16:9 (1920x1080),0.3 Megapixels 4:3 (640x480)
Video Format	XAVC S format:MPEG4-AVC/H.264
	AVCHD format ver.2.0 compatible:MPEG4-AVC/H.264
	MP4: MPEG-4 AVC/H.264
Video Mode(Resolution)	XAVC S 4K : 3840x2160/25p, 24p
	XAVC S HD : 1920x1080/50p, 25p, 24p
	AVCHD : 1920x1080/50p(PS),25p(FX,FH),24p(FX,FH),50i(FX,FH), 1440x1080/50i(HQ,LP)
	MP4: 1280x720 25p
Movie Recording Rate(Average Bit Rate/VBR)*2	XAVC S 4K: approx.100Mbps
	XAVC S 4K: approx.60Mbps
	XAVC S HD: approx.50Mbps
	AVCHD PS:approx.28Mbps/FX:approx.24Mbps/ FH:approx.17Mbps/HQ:approx.9Mbps/ LP:approx.5Mbps
	MP4: approx.3Mbps
Video Actual (Pixel)	approx. 8.29 Megapixels(16:9)*1
Progressive Mode	XAVC S 4K : 25p/24p, Progressive recording
	XAVC S HD: 50p/25p/24p, Progressive recording
	AVCHD: 50p/25p/24p, Progressive recording
	MP4: 25p, Progressive recording
Dual Record*7	M: 8.3 Megapixels 16:9 (3840x2160)
	S: 2.1 Megapixels 16:9 (1920x1080) *8 *9
Audio Format	LPCM 2ch(48kHz/16bit)*10
	Dolby Digital 5.1ch, Dolby Digital 5.1Creator*11
	Dolby Digital 2ch Stereo, Dolby Digital Stereo Creator*11
	MPEG-4 AAC-LC 2ch*12
Microphone/Speaker	Built-in Zoom Microphone
	Monaural Speaker
Audio Recording ON/OFF	

Mic Level Control	Yes(31steps)
Wind Position	-
Auto wind noise reduction	Yes(On/Off)
Play List Edit	-
Dual Video Recording	Yes*13
Video Signal	UHDTV
	HDTV
	PAL color, CCIR standards
Optics/Lens	ZEISS Vario-Sonnar T*
Lens Stabilization	Balanced Optical SteadyShot
Aperture	F2.0-3.8
Optical Zoom	20x
Extended Zoom	-
Digital Zoom*14	250x
Clear Image Zoom	4K : 30x HD : 40x*15
Focal Distance	f=4.4-88mm
	f=3/16 - 3 1/2 inch
FOV	-
Focal Length(35mm equivalent) (Movie Mode)	f=26.8-536.0mm(16:9) *1
	f=1 1/16 - 21 1/8 inch*1
Focal Length (35mm equivalent) (Photo Mode)	f=26.8-536.0mm(16:9) f=32.8-656.0mm(4:3)
	f=1 1/16 - 21 1/8 inch (16:9) f=1 5/16 - 25 7/8(4:3)
Filter Diameter	55mm
	2 1/4inch
Minimum Focus Distance	approx.1cm(Wide), approx.80cm(Tele)
	approx.13/32inch(Wide), approx.31 1/2inch(Tele)
Aperture Blade	6 blades
ND Filter	-
Focus Ring	-



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Zoom Ring	-
Iris Ring	-
LCD Display	7.5cm(3.0 type) Xtra Fine LCD™ display(921 600dots) Wide(16:9)
Touch Panel	Yes
Angle Adjustment	Opening Angle:max.90 deg., Turning Angle:max.270 deg.
Brightness Control*16	Yes(Menu)
LCD Contrast	-
LCD Backlight	yes
Coverage	100%
Histogram	-
Marker/Grid Display	Grid Line*17
Focus Control	
Focus System	Contrast AF
AF Modes	Auto/Manual(Touch Panel)
Focus Area	Full range Focus/Spot Focus
Push Auto Focus	-
AF Assist	-
Manual Focus Assist	Peaking Display
Focus Features	Lock-on AF*8
Fast Intelligent AF	Yes
Tele Macro	-
Exposure System	
Metering Modes	Multi-segment/Spot
Exposure Compensation	AE Shift(Touch Panel)
Exposure Settings	Auto
	Flexible Spot(Touch Panel)
	Manual(Menu)
LOW LUX Mode	Yes
Scene Mode(s)	Auto/Night Scene/Sunrise & Sunset/Fireworks/ Landscape/Portrait/Spotlight/Beach/Snow



D-RangeOptimizer	-
Backlight Compensation	Yes(Auto)
Noise Reduction	Yes
White Balance Mode	Auto/Onepush/Outdoor/Indoor
WB Shift	Yes
Minimum Illumination	4K:Standard:9 lux(1/50 Shutter Speed) HD:Standard:6 lux(1/50 Shutter Speed) 4K:Low Lux 1.8lux(1/25 Shutter Speed) HD:Low Lux 1.2lux(1/25 Shutter Speed)
Auto Iris Control	F2.0-F11
Manual Iris Control	F2.0-F11
Push Auto Iris	-
Manual Exposure Assist	Zebra Pattern Display
Drive System	Photo Mode:Single-shot/Self-timer
Self-timer	approx.10sec.(Still Image/Golf Shot)
Shutter Speed Auto Control Range	1/6-1/10000
Shutter Speed(Standard)	1/50-1/10000
Shutter Speed(Manual Iris Control)	1/25-1/10000
Shutter Speed(Manual Shutter)	1/6-1/10000
Shutter Speed(Smooth Slow Rec)	1/215-1/10000
Flash	Flash Type
	Flash Metering System
	Flash Modes
	Flash Compensation
	Flash Coverage
Interface	Wireless LAN(built-in)
	NFC
	Memory Card Slot
	STD Output
	HD Output
	3D HD Output



	4K Output
	USB Port(s)
	Multi/Micro USB Terminal*26
	BRAVIA Sync
	PhotoTV HD
	DVDDirect
	Headphone Jack
	Line Input (Analog Audio)
	Microphone Input
	Direct Copy
	PictBridge Compatible
	DC IN
	Remote Terminal
	HDMI Terminal
	Projector Input
	A/V Remote Terminal
	Accessory Shoe