

Clifton Cameras Specifications Sheet

For the

Sony A7C Mirrorless Camera

Imaging	
Lens Mount	Sony E
Camera Format	Full-Frame (1x Crop Factor)
Pixels	Actual: 25.3 Megapixel Effective: 24.2 Megapixel
Maximum Resolution	6000 x 4000
Aspect Ratio	1:1, 3:2, 4:3, 16:9
Sensor Type	CMOS
Sensor Size	35.6 x 23.8 mm
Image File Format	JPEG, Raw
Bit Depth	14-Bit
Image Stabilization	Sensor-Shift, 5-Axis
Exposure Control	
ISO Sensitivity	Auto, 100 to 51200 (Extended: 50 to 204800)
Shutter Speed	Mechanical Shutter 1/4000 to 30 Second Bulb Mode Electronic Shutter 1/8000 to 30 Second Bulb Mode
Metering Method	Average, Center-Weighted Average, Highlight Weighted, Multi-Zone, Spot
Exposure Modes	Aperture Priority, Manual, Program, Shutter Priority
Exposure Compensation	-5 to +5 EV (1/3, 1/2 EV Steps)
Metering	-3 to 20 EV

Range	
White Balance	Auto, Cloudy, Color Temperature, Custom, Daylight, Flash, Fluorescent, Incandescent, Shade, Underwater
Continuous Shooting	Up to 10 fps at 24.2 MP for up to 223 Frames (JPEG) / 115 Frames (Raw) Up to 8 fps at 24.2 MP Up to 6 fps at 24.2 MP Up to 3 fps at 24.2 MP
Interval Recording	Yes
Self-Timer	2/5/10-Second Delay
Video	
Recording Modes	H.264/XAVC S 4:2:0 8-Bit UHD 4K (3840 x 2160) at 23.976p/25p/29.97p [60 to 100 Mb/s] Full HD (1920 x 1080) at 23.976p/25p/29.97p/50p/59.94p/100p/119.88p [16 to 100 Mb/s]
External Recording Modes	4:2:2 8-Bit UHD 4K (3840 x 2160) at 23.976p/25p/29.97p Full HD (1920 x 1080) at 23.976p/50i/50p/59.94i/59.94p
Recording Limit	Unlimited
Video Encoding	NTSC/PAL
Audio Recording	Built-In Microphone (Stereo) External Microphone Input
Audio File Format	Linear PCM
Focus	
Focus Type	Auto and Manual Focus
Focus Mode	Automatic (A), Continuous-Servo AF (C), Direct Manual Focus (DMF), Manual Focus (M), Single-Servo AF (S)
Autofocus Points	Phase Detection: 693 Contrast Detection: 425
Autofocus Sensitivity	-4 to +20 EV
Viewfinder and Monitor	
Viewfinder Type	Electronic (OLED)
Viewfinder Size	0.39"
Viewfinder Resolution	2,359,296 Dot

Viewfinder Eye Point	20 mm
Viewfinder Coverage	100%
Viewfinder Magnification	Approx. 0.59x
Diopter Adjustment	-4 to +3
Monitor Size	3"
Monitor Resolution	921,600 Dot
Monitor Type	Articulating Touchscreen LCD
Flash	
Built-In Flash	No
Flash Modes	Auto, Fill Flash, Hi-Speed Sync, Off, Rear Sync, Red-Eye Reduction, Slow Sync, Wireless
Maximum Sync Speed	1/160 Second
Flash Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Dedicated Flash System	TTL
External Flash Connection	Hot Shoe
Interface	
Memory Card Slot	Single Slot: SD/SDHC/SDXC (UHS-II)
Connectivity	USB Type-C (USB 3.2 Gen 1), HDMI D (Micro), 3.5mm Headphone, 3.5mm Microphone
Wireless	Bluetooth Wi-Fi
GPS	No
Environmental	
Operating Temperature	32 to 104°F / 0 to 40°C
Physical	
Battery	1 x NP-FZ100 Rechargeable Lithium-Ion, 7.2 VDC, 2280 mAh (Approx. 740 Shots)

Dimensions (W x H x D)	4.9 x 2.8 x 2.4" / 124 x 71.1 x 59.7 mm
Weight	1.1 lb / 509 g (Body with Battery and Memory)