

# Sigma BF Specifications

Last updated date  
Version

2025/01/31  
1.1

Product Name		Sigma BF
Type	Type	Interchangeable-lens Mirrorless Type Digital Camera
	Memory Media	Internal Memory (Approx. 230 GB) , USB Storage (for Backup)
	Lens Mount	L-Mount
Image Sensor	Type	35 mm full-frame (35.9 mm x 23.9 mm) Back-illuminated CMOS sensor
	Camera Effective Pixels / Total Pixels	Approx. 24.6 MP / Approx. 25.3 MP
	Aspect Ratio	3:2
	Still Image File Format	Lossless compression RAW (DNG) 14-bit / JPEG (Exif3.0) , RAW(DNG) + JPEG: recording is possible
	Image Aspect Ratio	[21:9], [16:9], [3:2], [A Size], [4:3], [6x7], [1:1]
File Size	RAW	6016 x 4012
	JPEG	6016 x 4012
Crop		3840 x 2560 (Equivalent to Approx.1.5 times the focal length)
Movie Recording Format	Movie Format	MOV: H.264, H.265, L-Log
	Audio Format	Linear PCM (4ch 48 kHz / 16-bit: Max)
		6K* (6K: 6016 x 3384) / 23.98, 25, 29.97 fps *Cannot be used in conjunction with EIS UHD 4K / 23.98, 25, 29.97 fps
	Record Format / Frame rate	FHD / 23.98, 25, 29.97, 50, 59.94, 100, 119.88 fps
	Continuous Shooting Enable Time	2 hours
Focus	AF System / Focus Mode	Image Plane Phase-Detection AF + Contrast detection system / Single AF, Continuous AF (with moving object prediction function), Manual Focus
	AF Sensitivity Range / AF Mode	-5-18 EV (F1.4 : ISO 100)
	AF Lock	1-Point AF, Area AF, Subject Tracking AF (Human + Animal, Human, Animal)
		Half-press the shutter button
	Other Focus Functions	AF+MF, Full-time AF+MF, MF Magnification (Full Screen, PIP (2x / 4x / 8x) ) , MF Auto Review, Focus Peaking, Focus Ring Control (Non-linear, Linear)
Exposure Control	Metering System	Evaluative, Spot Metering
	Metering Range	-7-20 EV (50mm F1.4: ISO 100)
	Still Image Shooting Mode	(P) Program AE, (S) Shutter Speed Priority AE, (A) Aperture Priority AE, (M) Manual
	Movie Image Shooting Mode	(P) Program AE, (S) Shutter Speed Priority AE, (A) Aperture Priority AE, (M) Manual
		[Still] ISO 320
	ISO Sensitivity (Recommended exp. Base ISO)	[Movie] MOV: ISO 320, Log: ISO 1250
	Settable Range	ISO 100-102400 / Expanded sensitivity ISO 6, 12, 25, 50
	Exposure Compensation	± 5 EV (in 1/3 stop increments)
	AE Lock	Operated via touch
	Exposure Bracket	3 shots, 5 shots stage exposure ± 3 EV (1/3 Step, Standard→Underexposure→Overexposure) (Sequence changeable)
Exposure Assist	Brightness Level Monitor (Histogram) , Zebra Pattern, False Color	
Image Stabilization System		Electronic Image Stabilization (EIS) for Video Only
White Balance		8 types (Auto, Auto [Lighting Source Priority] , Incandescent, Fluorescent, Manual [50K steps] , Daylight, Overcast, Shade, Flash) , Custom 1-10 settings can be added , AWB lock function
	Shutter	Electronic shutter
Drive	Shutter Speed	1/25600 - 30 seconds, Bulb (up to 5 minutes)
	Self Timer	2 sec., 10 sec. (Countdown Indicator)
	Drive Modes	Single Capture, Continuous, Exposure Bracketing, Focus Bracketing, Interval Timer
Monitor	Continuous Drive Speed	Selectable frame rates (3, 5, 8 fps)
	Number of Recordable Frames	JPEG: 1000 frames, DNG: 350 frames
	Type / Coverage	TFT color LCD, Aspect Ratio 3:2, 3.15 type, Approx. 2.1M dots , Electrostatic capacitance system touch panel / Approx. 100%
Color Mode		13 types (Standard, Rich, Calm, Powder Blue, Warm Gold, Teal and Orange, FOV Classic Blue, FOV Classic Yellow, Forest Green, Sunset Red, Cinema, 709 Look, Monochrome)
Other Function		Save / Load Settings, Webcam, In-camera DNG Development, Still image capture from recorded movie files, Fill Light (Supports only in-camera DNG Development)
Built-in Microphone / Speaker		Stereo Microphone / Monaural Speaker
Display Language		English, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish
Interface	USB Type-C	USB 10 Gbps (USB 3.2) Compatible (Mass Storage, UVC, UAC, External Video Output, Charging / Power Delivery)
	REMOTE	Cable Release (via USB)
	External Microphone Terminal	Supported via USB
	Headphone Output Terminal	Supported via USB
Dust and Splash Resistant Structure*		Provided *Although this construction allows the lens to be used in light rain, it is not the same as being waterproof.
Power		Li-ion Battery Pack BP-81
	Number of Recordable Still Images	Approx. 260 images
Dimensions and Weight	Minutes of Recordable Continuous Shooting	Approx. 60 min.
	Dimensions (W x H x D)	Approx. 130.1 x 72.8 x 36.8 mm / 5.1 x 2.9 x 1.4 in.
Operating Environment	Weight	Approx. 446 g / 15.7 oz. (including battery) , Approx. 388 g / 13.7 oz. (Camera Body Only)
	Operating Temperature	32 to 104 °F / 0 to + 40 °C
Supplied Accessories	Operating Humidity	85 % or less (non-condensing)
		Li-ion Battery Pack BP-81
Optional Accessories		Metal Body Cap (Black / Silver)
		Start Guide
		Limited Warranty
		Warranty Sticker
		Cable Release CR-51
	Battery Charger BC-81	
	Hand Strap HS-11B	
	Hand Strap HS-11G	