

Product name			SIGMA fp L			SIGMA fp			
Format	Type		Interchangeable-lens Mirrorless Type Digital Camera						
	Memory Media		SD, SDHC, SDXC memory card (UHS- II supported) , Portable SSD (USB 3.0 connection, USB bus power supported)						
	Lens Mount		L-Mount						
Image Sensor	Type		35 mm full-frame (36.0 mm x 24.0 mm) Back-illuminated Bayer CMOS sensor			35 mm full-frame (35.9 mm x 23.9 mm) Back-illuminated Bayer CMOS sensor			
	Camera Effective Pixels / Total Pixels		Approx. 61 MP / Approx. 62.4 MP			Approx. 24.6 MP / Approx. 25.3 MP			
	Aspect Ratio		3:2						
	Color Filter System		RGB Primary color filter						
	Still Image File Format		Lossless compression RAW(DNG) data 12 bit,14 bit / JPEG(Exif2.3), RAW(DNG)+JPEG:recording is possible						
	Image Aspect Ratio		[21:9] / [16:9] / [3:2] / [A Size (√2:1)] / [4:3] / [7:6] / [1:1]						
File Size	RAW		9.5K	9,520 x 6,328	HIGH	6,000	x4,000	(3,840 x 2,560) *()	In DC Crop Mode
			6.2K	6,240 x 4,144	LOW	3,008	x2,000	(1,920 x 1,280)	
			4.8K	4,768 x 3,168					
			UHD	3,840 x 2,552					
			FHD	1,920 x 1,280					
	JPEG	[21:9]	9.5K	9,520 x 4,080	HIGH	6,000	x2,576	(3,840 x 1,648)	
			6.2K	6,240 x 2,672	MED	4,240	x1,824	(2,736 x 1,168)	
			4.8K	4,768 x 2,040	LOW	3,008	x1,288	(1,920 x 824)	
			UHD	3,840 x 1,648					
			FHD	1,920 x 824					
		[16:9]	9.5K	9,520 x 5,352	HIGH	6,000	x3,376	(3,840 x 2,160)	
			6.2K	6,240 x 3,512	MED	4,240	x2,392	(2,736 x 1,536)	
			4.8K	4,768 x 2,680	LOW	3,008	x1,688	(1,920 x 1,080)	
			UHD	3,840 x 2,160					
			FHD	1,920 x 1,080					
	[3:2]	9.5K	9,520 x 6,328	HIGH	6,000	x4,000	(3,840 x 2,560)		
		6.2K	6,240 x 4,144	MED	4,240	x2,832	(2,736 x 1,824)		
		4.8K	4,768 x 3,168	LOW	3,008	x2,000	(1,920 x 1,280)		
		UHD	3,840 x 2,552						
		FHD	1,920 x 1,280						
		[A Size (√2:1)]	9.5K	8,944 x 6,328	HIGH	5,664	x4,000	(3,616 x 2,560)	
			6.2K	5,856 x 4,144	MED	4,000	x2,832	(2,560 x 1,824)	
			4.8K	4,480 x 3,168	LOW	2,832	x2,000	(1,808 x 1,280)	
			UHD	3,616 x 2,552					
			FHD	1,808 x 1,280					
	[4:3]	9.5K	8,432 x 6,328	HIGH	5,344	x4,000	(3,408 x 2,560)		
		6.2K	5,520 x 4,144	MED	3,776	x2,832	(2,416 x 1,824)		
		4.8K	4,224 x 3,168	LOW	2,672	x2,000	(1,712 x 1,280)		
		UHD	3,408 x 2,552						
		FHD	1,696 x 1,280						
		[7:6]	9.5K	7,856 x 6,328	HIGH	4,960	x4,000	(3,184 x 2,560)	
			6.2K	5,152 x 4,144	MED	3,520	x2,832	(2,272 x 1,824)	
			4.8K	3,920 x 3,168	LOW	2,480	x2,000	(1,584 x 1,280)	
			UHD	3,168 x 2,552					
			FHD	1,584 x 1,280					
	[1:1]	9.5K	6,328 x 6,328	HIGH	4,000	x4,000	(2,560 x 2,560)		
		6.2K	4,144 x 4,144	MED	2,832	x2,832	(1,824 x 1,824)		
		4.8K	3,168 x 3,168	LOW	2,000	x2,000	(1,280 x 1,280)		
		UHD	2,552 x 2,552						
		FHD	1,280 x 1,280						
				* When a DC lens is attached, it can be used with a recording pixel count of 6.2K or less.					
Crop			Equivalent to approx.1.5 to 5 times the focal length of the lens (for 35 mm cameras)			Equivalent to approx.1.5times the focal length of the lens (for 35 mm cameras)			
Color Space			sRGB, Adobe RGB						
Movie Recording Format	Camera Internal Record	Movie Format	CinemaDNG(8 bit, 10 bit, 12 bit) / MOV:H.264 (ALL-I, GOP)						
		Audio Format	Linear PCM (2 ch 48 kHz / 16 bit)						
		Record Format / Frame rate	3,840 x 2,160 (UHD 4K) / 23.98 p, 24 p, 25 p, 29.97 p 1,920 x 1,080 (FHD) / 23.98 p, 24 p, 25 p, 29.97 p, 48 p, 50 p, 59.94 p, 100 p*, 119.88 p* * Automatic crop zoom setting is x1.67			3,840 x 2,160 (UHD 4K) / 23.98 p, 24 p, 25 p, 29.97 p 1,920 x 1,080 (FHD) / 23.98 p, 24 p, 25 p, 29.97 p, 48 p, 50 p, 59.94 p, 100 p, 119.88 p			
		Continuous Shooting Enable Time	Up to 2 hours						
		Cinema DNG Memory Media Limitation	SD Card (UHS-II) : UHD 8 bit 25 p or less, FHD 12 bit 59.94 p or less Portable SSD : UHD 12 bit 29.97 p or less, FHD 12 bit 100 p or less, FHD 8 bit 119.88 p or less						
	HDMI External Output	Movie Format	4:2:2 8 bit 12 bit RAW :External recorder record : ATOMOS Ninja V, Blackmagic Video Assist 12G supported						
		Audio Format	Linear PCM (2 ch 48 kHz/16 bit)						
		Record Format / Frame Rate	4,096 x 2,160 (DCI 4K) / 24 p ※Only for RAW output 3,840 x 2,160 (UHD 4K) / 23.98 p, 24 p, 25 p, 29.97 p 1,920 x 1,080 (FHD) / 23.98 p, 24 p, 25 p, 29.97 p, 48 p, 50 p, 59.94 p, 100 p*, 119.88 p* * Automatic crop zoom setting is x1.67			4,096 x 2,160 (DCI 4K) / 24 p * Only for RAW output 3,840 x 2,160 (UHD 4K) / 23.98 p, 24 p, 25 p, 29.97 p 1,920 x 1,080 (FHD) / 23.98 p, 24 p, 25 p, 29.97 p, 48 p, 50 p, 59.94 p, 100 p, 119.88 p			
Focus	AF System / Focus Mode		Image plane phase-difference AF + Contrast detection system, Single AF, Continuous AF (with moving object prediction function), Manual Focus			Contrast detection system, Single AF, Continuous AF (with moving object prediction function), Manual Focus			
	AF Sensitivity Range / AF Mode		-5 to 18 EV (F1.4:ISO 100) / Auto, 49-point selection mode, Free Move mode, Face/Eye Detection AF mode, Tracking AF mode						
	AF Lock		Half-press the shutter button, or press the AEL button (setting change required)						
	Other Focus Functions		AF+MF, MF Assist, MF Guide, Focus Peaking, Release Focus Function, AF-ON, Quick AF, Pre-AF, AF during Image Magnification						
Exposure Control	Metering System		Evaluative, Spot, Center Weighted Average						
	Metering Range		-5 to 18 EV (50 mm F1.4:ISO 100)			-5 to 18 EV (50 mm F1.4:ISO 100)			
	Still Image Shooting Mode		(P) Program AE (Program Shift capable), (S) Shutter Speed Priority AE, (A) Aperture Priority AE, (M) Manual						
	Movie Shooting Mode		(P) Program AE, (S) Shutter Angle Priority AE, (A) Aperture Priority AE, (M) Manual						
	ISO Sensitivity (Recommended exposure value)	Base ISO	[Still] ISO 100,400 [Cine] CinemaDNG 12 bit / HDMI RAW:ISO 100, 1250 MOV / CinemaDNG 10 bit, 8 bit, HDMI 4:2:2 8 bit:ISO 100, 250			[Still] ISO 100,640 [Cine] CinemaDNG 12 bit / HDMI RAW:ISO 100, 3200 MOV / CinemaDNG 10 bit, 8 bit, HDMI 4:2:2 8 bit:ISO 100, 640			
			Settable Range		ISO 100-25600 / Expanded sensitivity ISO 6, 12, 25, 50, 51200, 102400				
	Exposure Compensation		±5 EV (in 1/3 stop increments) : ±3 EV at movie recording						
	AE Lock		Half-press the shutter button, or press the AEL button (setting change required)						
	Exposure Bracket		3 shots / 5 shots stage exposure 3EV (1/3 Step, Standard→Underexposure→Overexposure) (Sequence changeable)						
Image Stabilization System			Electronic system * Applicable only when shooting movies with MOV 59.94 p or less			Electronic system			
White Balance			12 types (Auto, Auto[Lighting Source Priority], Daylight, Shade, Overcast, Incandescent, Fluorescent, Flash, Color Temperature[50K steps], Custom 1, Custom 2, Custom 3)						
	Shutter Type		Electronic shutter						

Product name			SIGMA fp L		SIGMA fp	
Shutter	Shutter Speed		30 to 1/8,000 sec., Bulb up to 300 sec.		30 to 1/8,000 sec., Bulb up to 300 sec.	
	Self Timer		2 sec. / 10 sec.		* Up to 1/4,000 sec. when using electronic image stabilization	
Drive	Drive Modes		Single Capture, Continuous, Self Timer (2sec. / 10sec.), Interval Timer			
	Continuous Drive Speed		High Speed: approx. 10 shots/ sec., Medium Speed: approx. 5 shots/ sec., Low Speed: approx. 3 shots/ sec.		High Speed: approx. 18 shots/ sec, Medium Speed: approx. 5 shots/ sec, Low Speed: approx. 3 shots/ sec.	
	Number of Recordable Frames		DNG+J (14 bit) / 9.5K: 12 frames, 6.2K: 12 frames, 4.8K or less: 12 frames DNG+J (12 bit) , DNG (14 bit/12 bit) / 9.5K: 12 frames, 6.2K: 28 frames, 4.8K or less: 50 frames JPEG / 9.5K: 14 frames, 6.2K: 35 frames, 4.8K or less: 57 frames		HIGH: 12 frames, MED: 12 frames, LOW: 24 frames	
Monitor	Type / Coverage		TFT color LCD, Aspect Ratio 3:2, 3.15 type, Approx. 2.1M dots , Electrostatic capacitance system touch panel / Approx. 100%			
Flash (when to use external flash)	Built-in Flash		-			
	Flash Mode		S-TTL automatic light control, Manual, Wireless flash, Multi-emission			
	Optional Functions		Red-eye Reduction / Slow Synchronization, Rear Curtain Synchronization			
	Flash Exposure Compensation		Max. ±3 EV in 1/3EV step increments			
	Flash Sync. Speed		Max. 1/15 sec. * 1/10 sec. or less at 14 bit RAW		Max. 1/30 sec. * 1/15 sec. or less at 14 bit RAW	
	External Flash Support		Available when the HOT SHOE UNIT HU-11 (supplied with this product) is mounted. * S-TTL, Wireless support, X-sync.			
Color Mode			15 types (Standard, Vivid, Neutral, Portrait, Landscape, Cinema, Teal and Orange, Sunset Red, Forest Green, Powder Blue, FOV Classic Blue, FOV Classic Yellow, Duotone, Monochrome, Off)			
Director's Viewfinder	Supported cameras	ARRI	ARRICAM / ARRIFLEX, ALEXA LF/ ALEXA Mini LF, ALEXA SXT, ALEXA Mini, AMIRA, ALEXA65, ALEXA XT			
		SONY	VENICE			
		RED	MONSTRO 8K, HELIUM 8K, DRAGON 6K, EPIC MX 5K, GEMINI 5K, KOMODO 6K			
	Frame Guide		1.33:1, 1.85:1, 2.39:1, Custom 1, Custom 2			
	Custom Frame		Input (Sensor Area / Aspect Ratio) , Offset, Style (4 styles) , Line (1 to 10 px) , Color (White, Black, Red, Yellow, Green, Cyan, Blue, Magenta) , Shading			
Other Functions			Save / Load Settings via QR code, Screenshot, Webcam, In-camera RAW development, Still image capture from recorded movie files, Cinemagraph, Fill Light, HDR shooting (Still / Cine) , Still image shooting during movie shooting			
Built-in Microphone / Speaker			Stereo microphone, Monaural speaker			
Display Language			English / Japanese / German / French / Spanish / Italian / Simplified Chinese / Traditional Chinese / Korean / Russian / Dutch / Polish / Portuguese / Danish / Swedish / Norwegian / Finnish			
Interface	USB Terminal		USB3.1 GEN1 Type-C (supports Mass Stroage, Video Class(UVC), Camera Control)			
	HDMI Terminal		Type D(Ver.1.4)			
	Remote		Also used as an external microphone terminal			
	Timecode Input		Also used as an external microphone terminal			
	External Microphone Terminal		Φ3.5 mm stereo mini jack (Plug-in power support)			
	Headphone Output Terminal		Φ3.5 mm stereo mini jack (can be connected when using the dedicated ELECTRONIC VIEWFINDER EVF-11)			
Flash-synchro Terminal			Dedicated terminal (with HOT SHOE UNIT HU-11 (supplied with this product) mounted)			
Dust and Splash Proof Structure			Provided			
Power	Power		Li-ion Battery Pack BP-51 *Internal battery charge via USB terminal available. *USB power supply available.		Li-ion Battery Pack BP-51 *Internal battery charge via USB terminal available. (the camera can not be used while charging)	
	Number of Recordable Still Images		Approx. 240 images		Approx. 280 images	
	Minutes of Recordable Continuous Shooting		Approx. 60 min.		Approx. 70 min.	
Dimensions and Weight	Dimensions (W x H x D)		112.6 x 69.9 x 45.3 mm / 4.4 x 2.8 x 1.8 in.			
	Weight		427 g / 15.1 oz.(including battery and SD card), 375 g / 13.2 oz. (Camera body only)		422 g / 14.9 oz.(including battery and SD card), 370 g / 13.0 oz. (Camera body only)	
Operating Environment	Operating Temperature		32 - 104 °F / 0 - +40 °C			
	Operating Humidity		85 % or less (non-condensing)			
Supplied Accessories			Li-ion Battery Pack BP-51		Li-ion Battery Pack BP-51	
			Strap		Strap	
			STRAP HOLDER SH-11		STRAP HOLDER SH-11	
			USB AC ADAPTER UAC-21		USB AC ADAPTER UAC-11	
			USB CABLE (C-C) SUC-41		USB CABLE (A-C) SUC-11	
			HOT SHOE UNIT HU-11		HOT SHOE UNIT HU-11	
			Body Cap		Body Cap	
			Instruction Manual		Instruction Manual	
Optional Accessories			Limited Warranty		Limited Warranty	
			Warranty Sticker		Warranty Sticker	
			HAND GRIP HG-11			
			LARGE HAND GRIP HG-21			
			LCD VIEWFINDER LVF-11			
			ELECTRONIC VIEWFINDER EVF-11			
			BASE PLATE BPL-11			
			CABLE RELEASE CR-41			
			BASE GRIP BG-11			
			DC CONNECTOR CN-21			
		BATTERY CHARGER BC-71				
		AC ADAPTER SAC-7P				
		STRAP HOLDER SH-11 (2pcs)				

Product Name		SIGMA ELECTRONIC VIEWFINDER EVF-11	
Viewfinder	Panel	0.5 inch OLED panel, approx. 3.68 M dots (Viewfinder Coverage : approx. 100%)	
	Magnification	0.83x (50 mm lens at infinity, -1 dpt)	
	Eye Point	Approx. 21 mm (from the back of the eyepiece lens)	
	Diopter Adjustment	-4.0 to +3.0 dpt	
	Angle Adjustment	0 to 90°	
Interface	USB Terminal	USB Type-C x2 : Input and output (for portable SSD only)	
	Video Input Terminal	Dedicated terminal	
	EVF Detection Terminal	Dedicated terminal	
	Headphone Output Terminal	Φ3.5 mm stereo mini jack	
Dimensions and Weight	Dimensions (W x H x D)	44.6 x 91.7 x 56.1 mm / 1.8 x 3.6 x 2.2 in. (including EYECUP EC-31)	
	Weight	114 g / 4.0 oz. (including EYECUP EC-31)	
Supplied Accessories		EYECUP EC-31, LARGE EYECUP EC-41, Semi-hard Case VC-07A	