

SONY®

Large Sensor

CAMERA LINEUP

NEX-FS700



PMW-F3



PMW-F5



PMW-F55



F65



Sensor / Resolution		Super 35 (11.6M Pixels)	Super 35mm	Super 35mm 4096 x 2160 (11.6M Pixels)	Super 35 4096 x 2160 (11.6M Pixels)	Super 35 (20M Pixels)
Lens Mount		Sony E-Mount	PL via included adapter / Sony FZ	PL via included adapter / Sony FZ	PL via included adapter / Sony FZ	PL
Recording Capabilities		Video / Raw ***	Video / S-Log	Video / S-Log 2 / Raw	Video / S-Log 2 / Raw	Video / S-Log 2 / Raw
Internal Recording Resolution		Full HD	Full HD	Full HD / 2K	Full HD / 2K / 4K	Full HD / 4K / 8K
Internal Codec	Full HD	<ul style="list-style-type: none"> • AVCHD, 4:2:0, 24Mbps, 8-bit • AVCHD, 4:2:0, 28Mbps, 8-bit (1080p60 "PS" mode) 	<ul style="list-style-type: none"> • XDCAM EX, 4:2:0, 35Mbps, 8-bit 	<ul style="list-style-type: none"> • XDCAM HD, 4:2:2, 50Mbps, 10-bit • XAVC HD, 4:2:2, 100Mbps, 10-bit • SR (SSTP), 4:2:2 / 4:4:4, 220Mbps / 440Mbps, 10-bit 	<ul style="list-style-type: none"> • XDCAM HD, 4:2:2, 50Mbps, 10-bit • XAVC HD, 4:2:2, 100Mbps, 10-bit • SR (SSTP), 4:2:2 / 4:4:4, 220Mbps / 440Mbps, 10-bit 	—
	2K	—	—	<ul style="list-style-type: none"> • XAVC 2K, 4:2:2, 100Mbps, 10-bit 	<ul style="list-style-type: none"> • XAVC 2K, 4:2:2, 100Mbps, 10-bit 	—
	4K	—	—	—	<ul style="list-style-type: none"> • XAVC 4K, 4:2:2, 300Mbps, 10-bit † 	—
	Codec with Docked Recorder*	Full HD	—	—	—	—
Output Options	2K	—	—	<ul style="list-style-type: none"> • RAW, Linear 16-bit 	<ul style="list-style-type: none"> • RAW, Linear 16-bit 	—
	4K	RAW, 12-bit	—	<ul style="list-style-type: none"> • RAW, Linear 16-bit 	<ul style="list-style-type: none"> • RAW, Linear 16-bit 	<ul style="list-style-type: none"> • F65RAW-Lite, Linear 16-bit • F65RAW-SQ, Linear 16-bit • F65RAW-HFR, Linear 16-bit
	Full HD	<ul style="list-style-type: none"> • 4:2:2 8-bit YCbCr 	<ul style="list-style-type: none"> • 4:2:2 10-bit YCbCr • 4:4:4 RGB (with RGB upgrade) 	<ul style="list-style-type: none"> • 4:2:2 10-bit YCbCr • 4:4:4 RGB 	<ul style="list-style-type: none"> • 4:2:2 10-bit YCbCr • 4:4:4 RGB 	<ul style="list-style-type: none"> • 4:2:2 10-bit YCbCr
Max Progressive FPS	2K	—	—	<ul style="list-style-type: none"> • 4:2:2 10-bit YCbCr • 4:4:4 RGB 	<ul style="list-style-type: none"> • 4:2:2 10-bit YCbCr • 4:4:4 RGB 	—
	4K	—	—	—	<ul style="list-style-type: none"> • 4K 4:2:2 60p • 4K 4:4:4 30p 	—
	Full HD	<ul style="list-style-type: none"> • 60fps Continuous • 120, 240, 480, 960 in Super Slow Motion mode 	<ul style="list-style-type: none"> • 30fps • 60fps via DualLink Output 	<ul style="list-style-type: none"> • 60fps • 120fps † 	<ul style="list-style-type: none"> • 60fps • 180fps † 	—
	2K	—	—	<ul style="list-style-type: none"> • 120fps † 	<ul style="list-style-type: none"> • 180fps † 	—
	2K Raw	—	—	<ul style="list-style-type: none"> • 120fps** † 	<ul style="list-style-type: none"> • 240fps** † 	—
4K	—	—	—	<ul style="list-style-type: none"> • 60fps † 	—	
4K Raw	<ul style="list-style-type: none"> • 60fps *** 	—	—	<ul style="list-style-type: none"> • 60fps * † 	<ul style="list-style-type: none"> • 120fps 	
Base ISO		640	800	2000	1250	800
HD Outputs		HDMI, 3G-SDI	HDMI, HD-SDI, dual link SDI	HDMI 1.4a, 4 x HD-SDI (2K)	HDMI 1.4a, 4 x 3G-SDI (2K, 4K)	2 x HD-SDI
TC In / Out		Embedded via HDMI or SDI	Yes	Yes	Yes	Yes
Internal Media		SDHC / SDXC cards / Memory Stick Pro	Two SxS cards	Two SxS cards	Two SxS cards	SR Memory (via docked SR-R4)
Battery		Sony "L" series	Sony BP	V-mount	V-mount	V-mount
Weight		3 lbs, 2 oz	5.3 lbs	4lbs, 14oz	4 lbs, 14 oz	14 lbs, 5 oz
Street Price		\$7,999	\$13,960	\$19,400 (List)	\$34,900 (List)	\$63,910
Primary Applications		Indie, Reality TV, Run-n-Gun	Indie, Reality TV	Documentaries, Indie, Run-n-Gun	Medium Budget Feature Film, Episodic TV	Features, Commercials, VFX, 3D

* AXS-R5 for FS700, F5 & F55, SR-R4 for F65 ** With Optional AXS-R5 *** With HXR-IFRS & AXS-R5 † Future Update