



# SONY® Cinematic Sensor CAMERA LINEUP

	PXW-FS5-M2 	PXW-FS7-M2 	PXW-FX9 	VENICE 
<b>Sensor</b>	4K Super 35 Exmor	4K Super 35 Exmor	6K Full-Frame Exmor R	6K Full-Frame VENICE CMOS
<b>Lens Mount</b>	E-mount	Locking E-mount	Locking E-mount	PL Mount & Locking E-mount
<b>Recording Capabilities</b>	Video / S-Log2 / S-Log3 / Raw**	Video / S-Log2 / S-Log3 / Raw***	Video / S-Log3 / Raw****	S-log3 / Raw*****
<b>Internal Codec</b>	<b>1080P/2K</b> <ul style="list-style-type: none"> <li>• XAVC-L 50Mbps 10-bit 4:2:2</li> <li>• AVCHD</li> </ul>	<ul style="list-style-type: none"> <li>• ProRes 422HQ (requires XDCA-FS7)</li> <li>• ProRes 422 (requires XDCA-FS7)</li> <li>• XAVC-I up to 222Mbps 10-bit 4:2:2</li> <li>• XAVC-L 50Mbps 10-bit 4:2:2</li> <li>• XAVC-L up to 50Mbps 10-bit 4:2:2</li> <li>• MPEG HD422 50Mbps 8-bit 4:2:2</li> </ul>	<ul style="list-style-type: none"> <li>• XAVC-I up to 222Mbps 10-bit 4:2:2</li> <li>• XAVC-L up to 50Mbps 10-bit 4:2:2</li> <li>• MPEG HD422 50Mbps 8-bit 4:2:2</li> </ul>	<ul style="list-style-type: none"> <li>• ProRes 4444</li> <li>• ProRes 422HQ</li> <li>• ProRes 422</li> <li>• ProRes 422 Proxy</li> <li>• MPEG HD422</li> </ul>
	<b>UHD / 4K</b> <ul style="list-style-type: none"> <li>• XAVC-L 100Mbps 8-bit 4:2:0</li> </ul>	<ul style="list-style-type: none"> <li>• XAVC-I up to 600Mbps 10-bit 4:2:2</li> <li>• XAVC-L up to 100Mbps 8-bit 4:2:0</li> </ul>	<ul style="list-style-type: none"> <li>• XAVC-I up to 600Mbps 10-bit 4:2:2</li> <li>• XAVC-L up to 100Mbps 8-bit 4:2:0</li> </ul>	<ul style="list-style-type: none"> <li>• XAVC Class 480</li> <li>• XAVC Class 300</li> </ul>
	<b>4K+</b> —	—	—	—
<b>Codec with Optional Recorder</b>	<b>1080P/2K</b> <ul style="list-style-type: none"> <li>• 12-bit RAW**</li> </ul>	<ul style="list-style-type: none"> <li>• 12-bit RAW***</li> </ul>	<ul style="list-style-type: none"> <li>• 16-bit RAW****</li> </ul>	—
	<b>UHD/4K</b> <ul style="list-style-type: none"> <li>• 12-bit RAW**</li> </ul>	<ul style="list-style-type: none"> <li>• 12-bit RAW***</li> </ul>	<ul style="list-style-type: none"> <li>• 16-bit RAW****</li> </ul>	<ul style="list-style-type: none"> <li>• Raw SQ, 16-bit Linear *****</li> <li>• X-OCN XT*****</li> <li>• X-OCN ST*****</li> <li>• X-OCN LT*****</li> </ul>
	<b>6K, 8K, etc.</b> —	—	—	<ul style="list-style-type: none"> <li>• X-OCN XT*****</li> <li>• X-OCN ST*****</li> <li>• X-OCN LT*****</li> </ul>
<b>Video Output Options</b>	<b>1080P/2K</b> <ul style="list-style-type: none"> <li>• 4:2:2 10-bit YCbCr</li> </ul>	<ul style="list-style-type: none"> <li>• 4:2:2 10-bit YCbCr</li> </ul>	<ul style="list-style-type: none"> <li>• 4:2:2 10-bit YCbCr</li> </ul>	<ul style="list-style-type: none"> <li>• 4:2:2 10-bit YCbCr</li> </ul>
	<b>UHD/4K</b> <ul style="list-style-type: none"> <li>• 4:2:0 30P (HDMI Only)</li> </ul>	<ul style="list-style-type: none"> <li>• 4:2:2 30P (HDMI Only)</li> <li>• 4:2:0 60P (HDMI Only)</li> </ul>	<ul style="list-style-type: none"> <li>• 4:2:2 30P (HDMI Only)</li> <li>• 4:2:0 60P (HDMI Only)</li> </ul>	<ul style="list-style-type: none"> <li>• 4:2:2 10-bit</li> </ul>
<b>High Frame Rate</b>	<b>Video</b> <ul style="list-style-type: none"> <li>• HD up to 240fps (burst) or 120fps (continuous)</li> </ul>	<ul style="list-style-type: none"> <li>• UHD up to 60fps</li> <li>• HD up to 180fps</li> </ul>	<ul style="list-style-type: none"> <li>• S35 4K Mode - UHD 60fps</li> <li>• FF 2K, S35 2K Mode - 1920x 1080 120fps (180fps external*)</li> </ul>	<ul style="list-style-type: none"> <li>• 4K up to 60fps (format dependent)</li> </ul>
	<b>Raw</b> <ul style="list-style-type: none"> <li>• HD up to 240fps (continuous)**</li> <li>• 4K up to 120fps (burst) or 60 (continuous)**</li> </ul>	<ul style="list-style-type: none"> <li>• 4K up to 60fps***</li> <li>• 2K up to 240fps***</li> </ul>	<ul style="list-style-type: none"> <li>• 4K S35 Mode - UHD 120fps*</li> </ul>	<ul style="list-style-type: none"> <li>• 6K up to 90fps (format dependent)*****</li> <li>• 4K up to 120fps (format dependent)*****</li> </ul>
<b>Base Sensitivity</b>	2000 EI	2000 EI	Dual 800EI / 4000 EI	Dual 500EI / 2500 EI
<b>Hardware Outputs</b>	<ul style="list-style-type: none"> <li>• 1x HD-SDI (3G)</li> <li>• 1x HDMI 2.0</li> </ul>	<ul style="list-style-type: none"> <li>• 2x HD-SDI (3G)</li> <li>• 1x HDMI 2.0</li> </ul>	<ul style="list-style-type: none"> <li>• 2x HD-SDI (12G)</li> <li>• 1x HDMI 2.0</li> </ul>	<ul style="list-style-type: none"> <li>• 4x HD-SDI (12G)</li> <li>• 1x Monitor HD-SDI (1.5G)</li> <li>• 1x HDMI 2.0</li> </ul>
<b>TC In / Out</b>	No	User Selectable, Requires XDCA-FS7	User Selectable In/Out	User Selectable In/Out
<b>Recording Media</b>	<ul style="list-style-type: none"> <li>• 2 x SD</li> </ul>	<ul style="list-style-type: none"> <li>• 2 x XQD</li> <li>• 1 x SD</li> </ul>	<ul style="list-style-type: none"> <li>• 2 x XQD</li> <li>• 1 x SD (Proxy)</li> </ul>	<ul style="list-style-type: none"> <li>• 2 x SxS ExpressCard</li> <li>• 1 x SD card (utility)</li> </ul> <p>AXS-R7 Raw Recorder:</p> <ul style="list-style-type: none"> <li>• 2 x AXSM card</li> </ul>
<b>Battery Type</b>	BP-U Series	BP-U Series or V-Mount (Optional XDCA Unit)	BP-U Series or V-Mount (Optional XDCA Unit)	V-mount
<b>Body Weight</b>	1.82lbs	4.4lbs	4.41lbs	8.6lbs
<b>MSRP</b>	\$4,749.99	\$8,999	\$10,998	\$39,000
<b>Primary Application</b>	Reality, Documentary, Web-Based	Indie, Reality, Documentary, Low Budget Multi-cam	Indie, Reality, Documentary, Low Budget Multi-cam	Feature Film, Episodic, Streaming, Multi-cam
<b>NDS</b>	Electronic Variable ND - 2 to 7 stops	Electronic Variable ND - 2 to 7 stops	Clear, linear variable ND - 2 to 7 stops	0.8 stops of ND in 1-stop increments
<b>Unique Features</b>	Small compact size for run-and-gun	Extreme Flexibility of recording choices; 4 channels of audio; wireless audio option	Fast Hybrid Auto Focus with Face Detection and Eye-AF, 4 channels of audio	Extension unit (Rialto) for flexible camera placement
<b>Upcoming Features</b>			4K DCI*, dual-link streaming*	

\* Future Firmware \*\* Via external recorder \*\*\* Via XDCA-FS7 with external recorder \*\*\*\* Via XDCA-FX9 with external recorder (future firmware) \*\*\*\*\* Via attached AXS-R7 Raw recorder