

SONY

HANDYCAM®

New Products Information

Digital Camcorder

Capture it the way you see it



Flagship 4K Camcorder with 1.0 type Exmor RS CMOS Sensor & superior AF performance

旗舰版4K摄像机具有1.0型Exmor RS CMOS影像传感器和超级自动对焦性能



FDR-AX700

PAL/NTSC

Open Price **NEW** ※Requires a recording media for shooting. 拍摄时需要记录媒体。

Still Image Size 14.2 Megapixels 1420万像素静态图像尺寸	Wide-angle 29.0mm 29.0mm广角焦距	Optical SteadyShot 光学防抖	Progressive Mode PAL : 100p / 50p (HD) / 25p (4K, HD) NTSC : 120p / 60p (HD) / 30p / 24p (4K, HD) 逐行扫描模式
Optical Zoom 12x 12倍光学变焦	Clear Image Zoom Up to 18x (4K) / 24x (HD) 最高18倍 (4K) / 24倍 (HD) 清晰影像变焦	1.0 type Exmor RS CMOS Sensor 1.0型Exmor RS CMOS影像传感器	Phase-detection AF & Contrast-detection AF 相位检测自动对焦/AF-A 自动对焦模式

ZEISS

N

Wi-Fi
CERTIFIED

XAVC S^{*2}
4K 100/60Mbps
HD 50Mbps

4K



Multilingual
Menu Display
多语言菜单显示

English / Chinese (Simplified Chinese / Traditional Chinese) 中文 (简体中文 / 繁体中文) / French / Italian / German / Spanish / Dutch / Russian / Portuguese / Greek / Thai / Arabic / Persian / Turkish / Indonesian / Malay

Instruction
Manual
使用说明书

English / Chinese (Simplified Chinese / Traditional Chinese) 中文 (简体中文 / 繁体中文) / Arabic / Persian / Indonesian

^{*1} Movies and still images recorded with this camera can be output by TV that supports PAL or NTSC System. 支持PAL或NTSC制式的电视可输出本相机拍摄动态影像和静态图像。
^{*2} Requires SDXC / SDHC memory card UHS-I U3 or higher for XAVC S 4K(100Mbps) recording, and SDXC / SDHC memory card Class 10 or higher for XAVCS 4K(60Mbps) and XAVCS HD(50Mbps) recording. 进行XAVC S 4K(100Mbps)录制时需使用SDXC / SDHC存储卡UHS-I U3或更高。进行XAVC S 4K(60Mbps)和XAVC HD(50Mbps)录制时需使用SDXC / SDHC存储卡 (Class10或更高)。

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Specifications 规格表

Model Name 机型名称		FDR-AX700	
Image Sensor 影像传感器	Image Sensor 影像传感器	1.0 type Exmor RS CMOS Sensor	
	Still Image Max Effective 最大静态图像解像度	14.2 Megapixels (16:9)	
	Gross pixels (Approx.) 总像素 (约)	21.0 Megapixels	
	Effective pixels of moving pictures (Approx.) 动态影像有效像素 (约)	14.2 Megapixels (16:9)*1	
	Effective pixels of still images (Approx.) 静态图像有效像素 (约)	14.2 Megapixels (16:9) / 12.0 Megapixels (3:2)	
Lens 镜头	Lens 镜头	ZEISS Vario-Sonnar T*	
	Zoom 变焦	Optical 12x (Digital 192x*2), Clear Image 18x (4K) / 24x (HD)	
	F-number (Maximum Aperture) F值 (最大光圈)	F2.8-F4.5	
	Angle of View (35mm equivalent) 视角 (35mm等效)	29.0mm	
	Focal Distance 焦距	f=9.3-111.6mm	
Focus Control 对焦控制	Focal length (35mm equivalent) 焦距 (35mm等效)	f=29.0-348.0mm (16:9)*1	
		f=29.0-348.0mm (16:9) / f=32.8-393.6mm (3:2)	
	Filter Diameter 滤镜直径	62mm	
	Focus System 对焦系统	Fast Hybrid AF (phase-detection AF / contrast-detection AF)	
	AF Modes 自动对焦模式	Auto / Manual (Touch Panel / Dial)	
Viewfinder / Monitor 取景器 / 显示屏	Viewfinder 取景器	0.39 type / OLED / Color 2,359K dots equivalent	
	Monitor 显示屏	3.5 type Xtra Fine LCD display / 1,555K dots	
Camera 相机	Imaging Processor 影像处理器	BIONZ X	
	Minimum Illumination 最低亮度	<PAL> STD: 3 lux*3 / Low: 1.7lux*4 <NTSC> STD: 3 lux*5 / Low: 1.7lux*6	
	Image Stabilization 防抖	Optical SteadyShot	
	Minimum Focus Distance (Approx.) 最近对焦距离 (约)	1cm (Wide) / 100cm (Tele)	
	Shutter Speed Auto Control Range 快门速度自动控制范围	<PAL> 1/6 - 1/10,000 <NTSC> 1/8 - 1/10,000	
Recorder / Player 录像机 / 播放机	Recording Media 录制媒体	<XAVC S 4K> 100Mbps: SDHC / SDXC Memory Card (UHS-I U3) 60Mbps: SDHC / SDXC Memory Card*7 <XAVC S HD> 100Mbps: SDHC / SDXC Memory Card (UHS-I U3) 60Mbps or less: SDHC / SDXC Memory Card*7 <AVCHD> Memory Stick PRO Duo (Mark 2), Memory Stick PRO-HG Duo, SD / SDHC / SDXC Memory Card*8 <S&Q> SDHC / SDXC Memory Card (UHS-I U3) <SUPER SLOW MOTION> SDHC / SDXC Memory Card*7 <Still> Memory Stick PRO Duo (Mark 2), Memory Stick PRO-HG Duo, SD / SDHC / SDXC Memory Card*8	
	Internal Media 内置媒体	—	
	Video Format 视频格式	XAVC S format: MPEG4-AVC / H.264 AVCHD format ver.2.0 compatible: MPEG4-AVC / H.264 XAVC S Proxy: MPEG-4 AVC / H.264	
	Video Mode (Resolution) 视频模式 (分辨率)	[PAL] <XAVC S 4K> 3,840 x 2,160 25p <XAVC S HD> 1,920 x 1,080 100p / 50p / 25p <AVCHD> FX: 1,920 x 1,080 50i FH: 1,920 x 1,080 50i LP: 1,440 x 1,080 50i <XAVC S Proxy> 1,280 x 720 50p / 25p 640x360 50p / 25p [NTSC] <XAVC S 4K> 3,840 x 2,160 30p / 24p <XAVC S HD> 1,920 x 1,080 120p / 60p / 30p / 24p <AVCHD> FX: 1,920 x 1,080 60i FH: 1,920 x 1,080 60i LP: 1,440 x 1,080 60i <XAVC S Proxy> 1,280 x 720 60p / 30p / 24p 640 x 360 60p / 30p / 24p	