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Use of genuine Canon accessories is recommended; these products are designed to perform optimally when used with genuine Canon accessories.

Professional Camcorders



4K
UHD

XF705 4K UHD 1.0" CMOS CAMCORDER

Featuring a 1.0-inch 4K UHD CMOS sensor and dual DIGIC DV 6 image processors, the powerful XF705 can record 4K UHD video up to 60p, as well as slow motion recording up to 120fps in Full HD. With an efficient H.265/HEVC codec for 4K data handling, the XF705 also supports Hybrid Log Gamma (HLG) and Perceptual Quantization (PQ) HDR formats by offering an expanded range from black to pure white. With its 15x optical zoom lens, 5-axis Optical Image Stabilization, Dual Pixel CMOS AF, 12G-SDI output and more, the XF705 offers a wide range of recording opportunities for virtually any 4K UHD workflow.



4K
UHD

XA75 XA70 4K UHD 1.0" CMOS CAMCORDER

Shoot high quality 4K UHD video with the compact XA75 and XA70. These camcorders deliver outstanding oversampled HD, Dual Pixel CMOS AF, a 15x optical zoom lens and HD livestreaming with UVC via a USB-C connection to a PC or Mac. Capture footage for recording or sharing later in either XF-AVC or MP4 formats.



4K
UHD

XF605 4K UHD 1.0" CMOS CAMCORDER

The XF605 4K UHD professional camcorder comes equipped with a 1.0-inch CMOS sensor and the ability to record 4K/60p/4:2:2/10-bit/HDR video to dual on-board SD card slots. Equipped with Canon's renowned Dual Pixel CMOS AF, the XF605 achieves high-speed and high-accuracy focusing, and includes Eye Detection AF as well as Canon's iTR AF X head detection algorithm that improves face and head detection, enabling more accurate and stable tracking of subjects.



4K
UHD

XA65 XA60 4K UHD 1/2.3" CMOS CAMCORDER

Shoot high quality 4K UHD video with the compact XA65 and XA60. These camcorders deliver outstanding oversampled HD, advanced autofocus, a Canon 20x optical zoom lens, HD livestreaming with UVC via a USB-C connection to a PC or Mac and can capture footage for recording or sharing later in either XF-AVC or MP4 formats.

Canon

PROFESSIONAL CAMCORDER COMPARISON CHART



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PROFESSIONAL VIDEO CAMCORDERS COMPARISON SPECIFICATIONS

		XF705	XF605	XA75/XA70	XA65/XA60				
CMOS Sensor Size		1.0-inch	1.0-inch	1.0-inch	1/2.3-inch				
Image Processor		Dual DIGIC DV 6	DIGIC DV 7	Dual DIGIC DV 6	DIGIC DV 6				
Resolution	4K UHD	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160				
	FHD	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080				
	HD	1280 x 720	1280 x 720	1280 x 720	1280 x 720				
Lens		3-ring L-series lens with: Canon 15x Zoom, 8.3-124.5mm (35mm equivalent 25.5-382.5mm), f/2.8-4.5 30x Advanced Zoom (25.5-765mm f/2.8-4.5) in Full HD	3-ring L-series lens with: Canon 15x Zoom, 8.3-124.5mm (35mm equivalent 25.5-382.5mm), f/2.8-4.5 30x Advanced Zoom (25.5-765mm f/2.8-4.5) in Full HD	Canon 15x Zoom, 8.3-124.5mm (35mm equivalent 25.5-382.5mm), f/2.8-4.5	20x Optical (29.3-601mm f/1.8-2.8)				
Aperture		9-blade Iris	9-blade Iris	9-blade Iris	8-blade Iris				
Image Stabilization		Optical (lens-shift)	Optical (lens-shift)	Optical (lens-shift)	Optical (lens-shift)				
Image Stabilization Modes		Powered, Dynamic, Standard	Powered, Dynamic, Standard	Powered, Dynamic, Standard	Powered, Dynamic, Standard				
ND Filter		3-step (Rotating Turret Style)	3-step (Rotating Turret Style)	3-step (Rotating Turret Style)	Auto ND (Gradation)				
Autofocus System		Dual Pixel CMOS AF	Dual Pixel CMOS AF	Dual Pixel CMOS AF	Hybrid AF				
LCD Size		4.0-inch	3.5-inch	3.5-inch	3.5-inch				
Looks		Normal, Wide DR (800%), Canon Log 3	Normal, Standard, Wide DR (800%), Canon Log 3	Standard, Wide DR (800%), Neutral, Monochrome	Standard				
Video Recording	XF-AVC (MXF)	Bit Rates (Mbps): 160 / 45	Frame Rates: 3840 x 2160: 29.97p / 23.98p 1920 x 1080: 59.94p / 59.94i / 29.97p / 23.98p	Bit Rates (Mbps): 600 / 500 / 410 / 310 / 300 / 260 / 250 / 240 / 160 / 50	Frame Rates: 3840 x 2160: 59.94p / 29.97p / 23.98p 1920 x 1080: 59.94p / 59.94i / 29.97p / 23.98p 1280 x 720: 59.94p	Bit Rates (Mbps): 160 / 45	Frame Rates: 3840 x 2160: 29.97p / 23.98p 1920 x 1080: 59.94p / 59.94i / 29.97p / 23.98p	Bit Rates (Mbps): 160 / 45	Frame Rates: 3840 x 2160: 29.97p / 23.98p 1920 x 1080: 59.94p / 59.94i / 29.97p / 23.98p
	H.265 (XF-HEVC)	Bit Rates (Mbps): 160 / 60 / 45	Frame Rates: 3840 x 2160: 59.94p / 29.97p / 23.98p 1920 x 1080: 59.94p / 59.94i / 29.97p / 23.98p	-	-	-	-	-	-
	MP4	Bit Rates (Mbps): 35 / 8	Frame Rates: 1920 x 1080: 59.94p / 29.97p / 23.98p 1280 x 720: 59.94p	Bit Rates (Mbps): 225 / 170 / 150 / 50 / 35 / 12 / 9 / 8	Frame Rates: 3840 x 2160: 59.94p / 29.97p / 23.98p 1920 x 1080: 59.94p / 29.97p / 23.98p 1280 x 720: 59.94p	Bit Rates (Mbps): 150 / 35 / 17 / 8	Frame Rates: 3840 x 2160: 29.97p / 23.98p 1920 x 1080: 59.94p / 29.97p / 23.98p 1280 x 720: 59.94p	Bit Rates (Mbps): 600 / 500 / 410 / 310 / 300 / 260 / 250 / 240 / 160 / 50	Frame Rates: 3840 x 2160: 29.97p / 23.98p 1920 x 1080: 59.94p / 29.97p / 23.98p 1280 x 720: 59.94p
Color Sample (Internal Recording)		4:2:2 (10-bit) (XF-HEVC)	4:2:2 (10-bit)	4:2:0 (8-bit)	4:2:0 (8-bit)				
Slow & Fast Motion		x0.25 and up (120fps / Full HD 23.94p playback)	x0.25 and up (120fps / Full HD 23.94p playback)	x0.4 and up (60fps/Full HD 23.94p playback)	x0.4 and up (60fps/Full HD 23.94p playback)				
HDMI Output		3840 x 2160 4:2:2 (10-bit)	3840 x 2160 4:2:2 (10-bit)	1920 x 1080 4:2:2 (10-bit) 3840 x 2160* *Only during playback	1920 x 1080 4:2:2 (10-bit) 3840 x 2160* *Only during playback				
SDI Output		3840 x 2160 4:2:2 (10-bit)* *12G-SGI	3840 x 2160 4:2:2 (10-bit)* *12G-SGI	1920 x 1080 4:2:2 (10-bit)* *XA75 only	1920 x 1080 4:2:0 (8-bit)* *XA65 only				
Interlaced Output		Yes (1080i only)	Yes (1080i only)	Yes (1080i only)	Yes (1080i only)				
Audio Recording		AAC 16-bit 2CH LPCM 24-bit 4CH	AAC 16-bit 2CH LPCM 24-bit 4CH	AAC 16-bit 2CH LPCM 24-bit 4CH	AAC 16-bit 2CH LPCM 24-bit 4CH				
Storage		2x SD card	2x SD card	2x SD card	2x SD card				
Wi-Fi/Ethernet		Both	Both	No	No				
XLR Inputs		2 (AES/EBU compliant)	2	2	2				
NTSC/PAL		Yes	Yes	No (switchable through service)	No (switchable through service)				
UVC Livestreaming (USB Type-C terminal)		No	Yes	Yes	Yes				
On-Screen Display (OSD) Time Stamp Recording		No	Yes	Yes	Yes				
Remote		Wireless and RC-V100	Wireless, RC-V100, and RC-IP100	RC-V100	RC-V100				
Battery		BP-A30/A60	BP-A30/A60	BP-820/828	BP-820/828				
4K Actual Recording Time (BP-820/BP-828)		65 min. / 140 min. (59.94p) (BP-A30/BP-A60)	175 min. / 360 min. (59.94) (BP-A30/BP-A60)	75 min. / 120 min. (29.97p)	90 min. / 140 min. (29.97p)				
Dimensions (W x H x D)		6.4 x 8.3 x 14.9 in. / 162.6 x 210.8 x 378.4mm	6.6x6.8x13.1 in / 168x173x333 mm	4.3 x 3.6 x 8.4 in. / 109.2 x 91.4 x 213.4mm	4.3 x 3.3 x 7.2 in. / 109.2 x 83.8 x 182.9mm				
Weight (Approx.)		5.9 lb. / 2676.2g	4.4 lbs. / 2010g	2.1 lb. / 953g	1.63 lb. / 740g				