

XF/XA/XC Series Specifications

	XF705	XF405/XF400	XF305	XF205/XF200	XA55/XA50	XA40	XA15/XA11	XC15	XC10
<b>Sensor</b>	1.0 Type CMOS	1.0 Type CMOS	1/3 Type 3 CMOS	1/2.84 Type CMOS	1.0 Type CMOS	1/2.3 Type CMOS	1/2.84 Type CMOS	1.0 Type CMOS	1.0 Type CMOS
<b>Effective Pixel</b>	8.29 MP	8.29 MP	2.07 MP	2.91 MP	8.29 MP	8.29 MP	2.91 MP	8.29 MP	8.29 MP
<b>Built-in ND filters</b>	1/4, 1/16, 1/64	1/4, 1/16, 1/64	1/4, 1/16, 1/64	Gradation ND (up to 1/8)	1/4, 1/16, 1/64	Gradation ND (up to 1/8)	Gradation ND (up to 1/8)	Single density 1/8	Single density 1/8
<b>Minimum illumination</b>	2.5 lux (50p, 1/50)	1.7 lux (50p, 1/25)	3.8 lux (50i, 21dB)	2.9 lux (60i, 1/60, 27dB)	1.4 lux (50p, 1/25)	4.2 lux (1/25)	1.2 lux (1/30)	6.4 lux (1/60)	6.4 lux (1/60)
<b>Shutter Speed</b>	1/2 - 1/2000	1/2 - 1/2000	1/2 - 1/2000	1/2 - 1/2000	1/2 - 1/2000	1/2 - 1/2000	1/2 - 1/2000	1/2 - 1/2000	1/2 - 1/2000
<b>White Balance</b>	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin	Auto / Set (A/B) / Preset(2) / Kelvin
<b>Gain (range)</b>	-6 - 33dB	0 - 39dB DR	-6 - 33dB	-6 - 33dB	0 - 39dB DR	0 - 24dB	0 - 24dB	0 - 42dB	0 - 42dB
<b>Gamma</b>	Wide DR(800%)/Canon Log 3, PQ, HLG	Wide DR(800%)	Normal 1-4, Cine 1-2	Wide DR(600%) Normal 1-4, Cine 1-2	Wide DR(800%)	-	-	Wide DR, Canon Log	Wide DR, Canon Log
<b>Infrared Shooting</b>	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No
<b>Lens Zoom Ratio</b>	15 x Optical in 4K 30 x Advanced Zoom in FHD	15 x Optical in 4K 30 x Advanced Zoom in FHD	18 x Optical	20 x Optical	15 x Optical in 4K 30 x Advanced Zoom in FHD	20 x Optical	20 x Optical	10 x Optical	10 x Optical
<b>Digital Zoom/Digital Teleconverter</b>	300x	300x	6.0x, 3.0x, 1.5x	120x	300x	400x	400x	2.0x	2.0x
<b>Lens Focal Length (35mm equivalent)</b>	25.5 - 382.5mm	25.5 - 382.5mm	29.3 - 527.4mm	28.8 - 576mm	25.5 - 382.5mm	29.3 - 601 mm	28.8 - 576mm	27.3-273mm 35mm	27.3-273mm 35mm
<b>Aperture</b>	f/2.8-4.5	f/2.8-4.5	f/1.6-2.8	f/1.8-2.8	f/2.8-4.5	f/1.8-2.8	f/1.8-2.8	f/2.8	f/2.8
<b>Ring Control</b>	3 rings (Zoom, Iris, Focus)	2 rings (Zoom, Focus)	3 rings (Zoom, Iris, Focus)	3 rings (Zoom, Iris, Focus)	1 ring (Zoom, Focus selectable)	1 ring (Focus only)	1 ring (Focus only)	2 rings (Zoom, Focus)	2 rings (Zoom, Focus)
<b>Filter Diameter</b>	58mm	58mm	82mm	58mm	58mm	58mm	58mm	58mm	58mm
<b>Image Stabiliser</b>	Optical Image Stabiliser	Optical Image Stabiliser	Optical Image Stabiliser	Optical Image Stabiliser	Optical Image Stabiliser	Optical Image Stabiliser	Optical Image Stabiliser	Optical Image Stabiliser	Optical Image Stabiliser
<b>Recording Format</b>	XF-HEVC / XF-AVC	XF-AVC / MP4	MXF	MXF / MP4	AF-AVC / MP4	MP4	AVCHD / MP4	XF-AVC	XF-AVC
<b>Recording Media</b>	SD card x2	SD card x2	CF card x2 (MXF) SD card x1 (still image and settings)	CF card x2 (MXF) SD card x1 (MP4)	SD card x2	SD card x2	SD card x2 (AVCHD/MP4)	CFast 2.0™ x1 (4K UHD) SD card x1 (HD)	CFast 2.0™ x1 (4K UHD) SD card x1 (HD)
<b>Recording Format Resolution</b>	<b>XF-HEVC</b> 3840x2160 4:2:2 10bit 160 Mbps / 110 Mbps Long GOP 50p/25p  1920x1080 4:2:2 10bit 60 Mbps / 45 Mbps Long GOP 100p/50p/50i/25p  <b>XF-AVC</b> 1920x1080 4:2:0 8bit 45 Mbps Long GOP 50p/25p	<b>XF-AVC</b> 3840x2160 4:2:0 8bit 160 Mbps GOP 50p/25p  1920x1080 4:2:0 8bit 45 Mbps Long GOP 100p/50p/50i/25p  <b>MP4</b> 3840x2160 4:2:0 8bit 150 Mbps Long GOP 50p/25p  1920x1080 4:2:0 8bit 35 Mbps / 17 Mbps Long GOP 100p/50p/25p  1280x720 4:2:0 8bit 8 Mbps / 4 Mbps Long GOP 50p/25p	<b>MXF</b> 1920x1080 4:2:2 8bit 50 Mbps Long GOP 4:2:0 8bit 35 Mbps Long GOP 50i/25p  1440x1080 4:2:0 8bit 35 Mbps Long GOP 50i 4:2:0 8bit 25 Mbps Long GOP 50i/25p  1280x720 4:2:2 8bit 50 Mbps Long GOP 4:2:0 8bit 35 Mbps Long GOP 50p/25p  <b>MP4</b> 1920x1080 4:2:0 8bit 35 Mbps / 24 Mbps Long GOP 50p/25p  1280x720 4:2:0 8bit 17 Mbps Long GOP 50p 4:2:0 8bit 9 Mbps Long GOP 25p  640x360 4:2:0 3 Mbps LongGOP 25p	<b>MXF</b> 1920x1080 4:2:2 8bit 50 Mbps Long GOP 4:2:0 8bit 35 Mbps Long GOP 50i/25p  1440x1080 4:2:0 8bit 35 Mbps Long GOP 50i 4:2:0 8bit 25 Mbps Long GOP 50i/25p  1280x720 4:2:2 8bit 50 Mbps Long GOP 4:2:0 8bit 35 Mbps Long GOP 50p/25p  <b>MP4</b> 1920x1080 4:2:0 8bit 35 Mbps / 17 Mbps Long GOP 50p/25p  1280x720 4:2:0 8bit 17 Mbps Long GOP 50p 4:2:0 8bit 9 Mbps Long GOP 25p  640x360 4:2:0 3 Mbps LongGOP 25p	<b>XF-AVC</b> 3840x2160 4:2:2 8bit 160 Mbps GOP 25p  1920x1080 4:2:0 8bit 45 Mbps Long GOP 50p/50i/25p  <b>MP4</b> 3840x2160 4:2:0 8bit 150 Mbps Long GOP 25p  1920x1080 4:2:0 8bit 35 Mbps / 17 Mbps Long GOP 50p/25p	<b>MP4</b> 3840x2160 4:2:0 8bit 150 Mbps Long GOP 25p  1920x1080 4:2:0 8bit 35 Mbps Long GOP 50p/25p  <b>MP4</b> 3840x2160 4:2:0 8bit 150 Mbps Long GOP 25p  1920x1080 4:2:0 8bit 35 Mbps / 17 Mbps Long GOP 50p/25p	<b>AVCHD</b> 1920x1080 28 Mbps 50P 24 Mbps / 17 Mbps 50i/25p 25p  1440x1080 5 Mbps 50i/25p  <b>MP4</b> 1920x1080 35 Mbps LongGOP 50p 24 Mbps / 17 Mbps LongGOP 50i/25p  1280x720 4:2:0 8bit 8 Mbps Long GOP 50p 4:2:0 8bit 4 Mbps Long GOP 25p  640x360 4:2:0 3 Mbps LongGOP 25p	<b>XF-AVC</b> 3840x2160 4:2:2 8bit 305 Mbps / 205Mbps 25p/24p  1920x1080 50 Mbps 50p 35 Mbps 50i/25p/24p  <b>MP4</b> 1920x1080 35 Mbps 50i/25p/24p 1280x720 35 Mbps 100p	<b>XF-AVC</b> 3840x2160 4:2:2 8bit 305 Mbps / 205Mbps 25p/24p  1920x1080 50 Mbps 50p 35 Mbps 50i/25p/24p  <b>MP4</b> 1920x1080 35 Mbps 50i/25p/24p 1280x720 35 Mbps 100p
<b>Recording Format Sampling / Bit Depth</b>	4:2:2 10bit	4:2:0 8bit	4:2:2 8bit 50 Mbps Long GOP	4:2:0 8bit 35 Mbps Long GOP	4:2:2 8bit 50 Mbps Long GOP	4:2:0 8bit	4:2:0 8bit	4:2:2 8bit	4:2:2 8bit
<b>Recording Format Bit Rate</b>	160 Mbps / 110 Mbps Long GOP	160 Mbps GOP	4:2:0 8bit 35 Mbps Long GOP	4:2:0 8bit 35 Mbps Long GOP	160 Mbps GOP	150 Mbps Long GOP	24 Mbps / 17 Mbps 50i/25p	305 Mbps / 205Mbps 25p/24p	305 Mbps / 205Mbps 25p/24p
<b>Recording Format Frame Rate</b>	50p/25p	50p/25p	50i/25p	50i/25p	25p	25p	25p	25p/24p	25p/24p
<b>Audio</b>	48kHz 24bit, 4ch LPCM	16-bit, 2ch MPEG-4 AAC-LC 24/16-bit, 4ch LPCM	48 kHz 16-bit, 2ch LPCM	48 kHz 16-bit, 4ch/2ch LPCM	48 kHz 16-bit, 2ch MPEG-4 AAC-LC 24/16-bit, 4ch LPCM	48 kHz 16-bit, 2ch MPEG-2 AAC-LC 16-bit, 4ch LPCM	48 kHz 16-bit, 4ch/2ch LPCM	48 kHz 16-bit, 2ch LPCM	48 kHz 16-bit, 2ch LPCM
<b>Focus Method</b>	Dual Pixel CMOS AF	Dual Pixel CMOS AF	TTL-video signal detection system and external phase difference metering system	TTL-video signal detection system and external phase difference metering system	Dual Pixel CMOS AF	Hybrid AF (TTL-video signal detection system and external phase difference metering system)	Hybrid AF (TTL-video signal detection system and external phase difference metering system)	TTL-video signal sensing system	TTL-video signal sensing system
<b>Focus Control</b>	Continuous AF, AF-boosted MF, Manual (Dual Pixel CMOS Guide support)	Continuous AF, AF-boosted MF, Manual (Dual Pixel CMOS Guide support)	Instant AF, Normal AF, Face AF, Manual	Instant AF, Medium AF, Normal AF, Face AF, Face-only, Manual	Continuous AF, AF-boosted MF, Manual (Dual Pixel CMOS Guide support)	Instant AF, Medium AF, Normal AF, Face AF, Face only, Manual	Instant AF, Medium AF, Normal AF, Manual	Face Detection & Tracking AF (Touch Focus), AiAF (in photo mode), PUSH AF, Manual	Face Detection & Tracking AF (Touch Focus), AiAF (in photo mode), PUSH AF, Manual
<b>IP Streaming</b>	Yes	Yes *	No	No	No	No	No	No	No
<b>Audio Input</b>	XLR x2	XLR x2	XLR x2	XLR x2	XLR x2	XLR x2	XLR x2	XLR x2*	-
<b>HDMI Output</b>	Yes (Type A)	Yes (Mini HDMI)	Yes (Type A)	Yes (Type A)	Yes (Mini HDMI)	Yes (Mini HDMI)	Yes (Mini HDMI)	Yes (Mini HDMI)	Yes (Mini HDMI)
<b>SDI Output</b>	12G/6G/3G/HD-SDI x 1	3G-SDI x 1 (XF405 only)	HD/SD-SDI x 1	3G/HD-SDI x 1 (XF205 only)	3G-SDI x 1 (XA55 only)	-	HD/SD-SDI x 1 (XA15 only)	-	-
<b>TimeCode IN/OUT</b>	Yes	-	Yes	Yes (XF205 only)	-	-	-	-	-
<b>Genlock IN</b>	Yes	-	Yes	Yes (XF205 only)	-	-	-	-	-
<b>Headphone Output</b>	3.5mm Stereo mini-jack	3.5mm Stereo mini-jack	3.5mm Stereo mini-jack	3.5mm Stereo mini-jack	3.5mm Stereo mini-jack	3.5mm Stereo mini-jack	3.5mm Stereo mini-jack	-	-
<b>Remote</b>	2.5mm stereo mini jack , Round 8-pin jack (RS-422)	2.5mm stereo mini jack	2.5mm stereo mini jack	2.5mm stereo mini jack	2.5mm stereo mini jack	2.5mm stereo mini jack	2.5mm stereo mini jack	-	-
<b>Viewfinder</b>	0.46-inch, 1.77M dots	0.24-inch, 1.56M dots	0.52-inch, 1.56M dots	0.45-inch, 1.23M dots	0.24-inch, 1.56M dots	0.24-inch, 1.56M dots	0.24-inch, 1.56M dots	-	-
<b>LCD</b>	4.0-inch, 1.23M dots	3.5-inch Touchscreen, 1.56M dots	4.0-inch, 1.23M dots	3.5-inch, 1.23M dots	3.0-inch Touchscreen, 0.46M dots	3.0-inch Touchscreen, 0.46M dots	3.0-inch Touchscreen, 0.46M dots	3.0-inch Touchscreen, 1.03M dots	3.0-inch Touchscreen, 1.03M dots
<b>Ethernet / Wi-Fi</b>	Yes / Yes	Yes / Yes	No / No	Yes / Yes	No / No	No / No	No / No	No / No	No / Yes
<b>GPS(with optional GPS Receiver GP-E2)</b>	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
<b>Assignable Buttons</b>	14	5	13	13	5	5	3	3	3
<b>Power Consumption ( approx.)</b>	20.8W	8.4W	9.1W	8.4W	5.2W	4.4W	4.9W	6.2W	6.2W
<b>Dimensions with Lens Hood</b>	191x210x383mm	150x216x267mm	180x192x394mm	160x201x353mm	125x91x265mm	115 x 85x 231mm	131x180x231mm	132x221x238mm	131x115x238mm
<b>Weights (approx.)</b>	2660g	XF405 1670g XF400 1665g	2980g	XF205 1960g XF200 1910g	XA55 1445g XA50 1435g	1120g	XA15 1140g XA11 1135g	1590g (with viewfinder unit, MA400 and lens hood)	1040g

\*with firmware upgrade

\*with Microphone Adapter MA-400