



PROFESSIONAL CAMCORDER

XF705

4K UHD PRO CAMCORDER



THE NEW FLAGSHIP PROFESSIONAL CAMCORDER WITH HDR RECORDING

The new XF705 Professional Camcorder puts impressive 4K UHD 4:2:2 10-bit recording capabilities into a compact and portable design, and is the first Canon camcorder to adopt the H.265/HEVC. Featuring a 1.0-inch CMOS sensor, HDR (HLG/PQ) recording, Dual Pixel CMOS AF and more, the XF705 is ideal for capturing news, documentaries, sports and other events.

4K UHD Lens with Optical Image Stabilization

The XF705 Professional Camcorder uses a Genuine Canon 15x optical 4K zoom lens and incorporates a 5-axis Optical Image Stabilization system. The lens maintains 4K UHD quality throughout the entire zoom range and offers a focal length range of 25.5 to 382.5mm (35mm film equivalent).



4K Video Lens

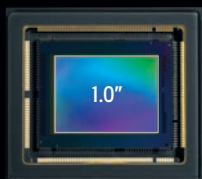
4K UHD 59.94p 4:2:2 10-bit Recording

The XF705 Professional Camcorder supports 4K UHD 59.94p 4:2:2 10-bit recording in XF-HEVC (4:2:2 10-bit) or XF-AVC (4:2:0 8-bit) compression for natural and realistic 4K video production.

XF-HEVC

1.0-inch CMOS Sensor and Dual DIGIC DV 6 Image Processors

The XF705 Professional Camcorder features a Canon 1.0-inch 4K UHD CMOS image sensor and dual DIGIC DV 6 Image Processors, providing high-quality 4K UHD video capture up to 60p.



1.0-inch CMOS sensor



Dual DIGIC DV 6

HDR Recording (HLG and PQ Formats)

HDR recording is available in Hybrid Log Gamma (HLG) and Perceptual Quantization (PQ) formats. This helps ensure full color rendition and wide latitude with a much greater range from black to pure white – ideal for live streams, broadcasts and post-production projects.



HDR



SDR

Live IP Streaming

IP transmission offers the ability to stream video live online in either the H.265/HEVC or H.264/AVC encoding format to a variety of TV and social media platforms.

Dual Pixel CMOS AF

The XF705 Professional Camcorder features Dual Pixel CMOS AF, Canon's exclusively developed high-speed, high-precision autofocus technology. It implements phase-difference AF for smooth focusing that's ideal for 4K UHD 60p recording and other high frame rate applications.

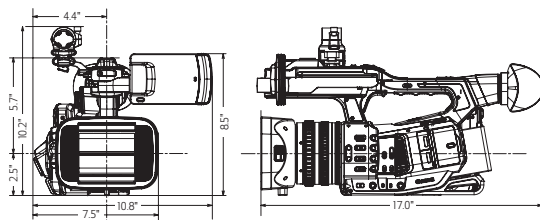


SPECIFICATIONS

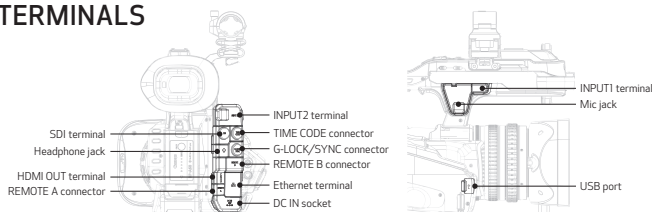
Standard Definition or High Definition	4K Ultra High Definition
Power Supply (Rated)	14.4 V DC (battery pack), 24 V DC (DC IN)
Video Recording System	Compression: H.265/HEVC or MPEG-4 AVC/H.264 Color Sampling: 4:2:2 (10-bit) or 4:2:0 (8-bit) File Format: MXF Recording Modes: XF-HEVC 160 Mbps/110 Mbps: 3840x2160 (60p/30p/24p) XF-HEVC 60 Mbps/45Mbps: 1920x1080 (60p/30p/24p) XF-AVC 45 Mbps: 1920x1080 (60p/30p/24p)
Audio Recording System	LPCM (24-bit 4ch), 48 kHz
Image Sensor	1.0-inch CMOS
Total Pixels	Approx. 13.4 megapixels (4268 x 3148)
Effective Pixels	Approx. 8.29 megapixels (3840 x 2160)
Maximum Recording Time	32GB card: 160 Mbps: 25 min./110 Mbps: 35 min./60 Mbps: 65 min./45 Mbps: 90 min. 64GB card: 160 Mbps: 50 min./110 Mbps: 75 min./60 Mbps: 140 min./45 Mbps: 185 min. 128GB card: 160 Mbps: 105 min./110 Mbps: 150 min./60 Mbps: 280 min./45 Mbps: 375 min. 256GB card: 160 Mbps: 210 min./110 Mbps: 305 min./60 Mbps: 565 min./45 Mbps: 755 min. <i>A variable bit rate is applicable in each case.</i>
Lens	Canon 15x Zoom, 8.3–124.5mm (35mm equivalent 25.5–382.5mm), f/2.8–4.5
Focusing System	Dual Pixel CMOS AF, Contrast AF The detection range for CMOS AF is approx. 80% (vertical) x 80% (horizontal) of the entire field of view.
Manual Exposure	Yes
Maximum Shutter Speed	1/2000
Minimum Focusing Distance	10mm at wide end, 60cm across entire zooming range
White Balance	Auto, Preset (Daylight, Tungsten), Color Temperature Settings (2,000–15,000K), Set (1/2)
Frame Rate	60p, 30p, 24p

Genlock Terminal	Yes
I2G-SDI Terminal	Yes
Timecode Terminals	Yes
Image Stabilization	Optical system (lens shift) + electronic stabilization (Image rotation and camcorder movements in the yaw and pitch directions are electronically corrected.) Modes: Dynamic IS, Powered IS, Standard IS, IS Off
Filter Diameter	58mm
Viewfinder	0.46-inch wide color OLED display, approx. 1.77 million dots, approx. 100% field of view
LCD Touch Panel	4.0-inch wide LCD and wide view angle, wide color range supported (Approx. 1.23 million dots)
Microphone	Stereo (using electret condenser microphone)
Recording Media	SD/SDHC/SDXC Card (2 slots): XF-HEVC/XF-AVC movies and photos. Menu settings can also be recorded.
USB Terminal	mini-B receptacle and Hi-Speed USB supported (output only)
Video Terminal	HDMI™ mini connector, I2G-SDI terminal
Audio Terminal	3.5mm stereo mini-jack, XLR 3-pin jack (two channels), HDMI™ mini connector, headphone jack, I2G-SDI terminal
HDMI Terminal	HDMI™ mini connector
AV Mini Terminal/Headphone Terminal	3.5mm stereo mini-jack
Ethernet Terminal	Ethernet connector (RJ-45) (supports 1000BASE-T)
Operating Temperature Range	For Performance: Approx. 0–40° C, 85% (relative humidity) For Operation: Approx. –5–45° C, 60% (relative humidity)
Dimensions (W x H x D)	Approx. 6.4 x 8.3 x 14.9 in. / 162 x 210 x 378mm (excluding lens hood, mic holder unit and eyecup) Approx. 7.5 x 10.2 x 17.0 in. / 191 x 258 x 433mm (including lens hood, eyecup and mic holder unit)
Weight	Approx. 5.86 lbs. / 2660g (Including grip belt; excluding hood, eyecup and shoulder pad)

DIMENSIONS



TERMINALS



ACCESSORIES

ITEM	Battery Pack BP-A60	Battery Pack BP-A30*	Battery Charger CG-A20*	Battery Charger CG-A10
ITEM CODE	0870C002	0868C002	2416C002	0872C002
ITEM	Compact Power Adapter CA-CP200 L*	Wide Attachment Lens WA-U58	Tele-Converter TL-U58	GPS Receiver GP-E2
ITEM CODE	3100C002	2494C001	2493C001	6363B001
ITEM	Remote Controller RC-V100	Tripod Adapter TA-100		
ITEM CODE	9660B001	9859A001		

* These items are included in the kit contents.



Specifications and availability subject to change without notice. Products not shown to scale. Weight and dimensions are approximate. Not responsible for typographical errors.

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