

## XF405 XF400

4K UHD 1.0" CMOS CAMCORDER

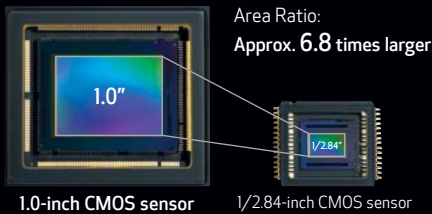


## 4K UHD VIDEO, REFINED WITH CANON BRILLIANCE

The XF405 and XF400 are compact camcorders that deliver refined image acquisition to professionals in fields from news to government. They include a large 1.0-inch CMOS sensor, a 4K UHD zoom lens and dual DIGIC DV 6 Image Processors for detail-rich video that can make any project a success.

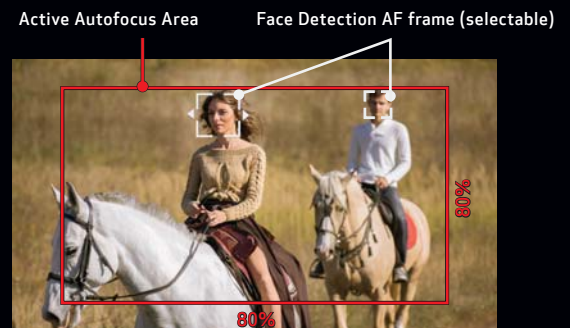
### Large 1.0-inch CMOS Sensor and Dual DIGIC DV 6 for High Image Quality

An on-board 1.0-inch CMOS sensor records in 4K UHD at 50p or 60p and high frame rate Full HD at 100p or 120p, and provides a stunning 800% dynamic range (when Wide DR mode is selected). Dual DIGIC DV 6 Image Processors powerfully process high-resolution image data while delivering high performance and creative freedom.



### Fast and Accurate Dual Pixel CMOS AF

Dual Pixel CMOS AF is Canon's high-speed, high-precision autofocus technology. Equipped with phase detection, it offers fast, accurate autofocus within approximately 80% of the overall image area.



### Multiple 4K UHD and Full HD Recording Options

Simultaneous recording of 4K UHD and Full HD MP4 data to two SD slots is included, saving the time of copying data after recording. Additional external recording options are available.

RESOLUTION	COLOUR SAMPLING	BIT RATE	SYSTEM FREQUENCY/FREQUENCY RATE
3840×2160	YCbCr 4:2:0 8-bit	150 Mbps LongGOP	50P/25P or 59.94P/29.97P/23.98P
1920×1080	YCbCr 4:2:0 8-bit	35 Mbps/17 Mbps LongGOP	50P/25P or 59.94P/29.97P/23.98P
1280×720	YCbCr 4:2:0 8-bit	8 Mbps LongGOP	50P or 59.94P
		4 Mbps LongGOP	25P or 29.97P

### Compact and Lightweight Design for On-the-Go Recording

The XF405 and XF400 pack ergonomic comfort and capabilities into a compact, lightweight body. This includes a detachable handle that can be configured in a number of ways, or taken off completely to accommodate special rigs.

### 15x Optical Zoom Lenses Provide Versatility

The fixed lens features an Advanced Zoom mode that extends the zoom range while maintaining high image quality when shooting in Full HD. This ultra-wide 25.5mm and high-magnification 15x zoom lens can support a wide range of challenging applications.

### Wide, Flexible Range of Inputs/Outputs

Both camcorders support HDMI 2.0 and 4K UHD 50p or 60p output via the HDMI OUT terminal, and can be connected to a standard external SSD/HDD recorder. The XF405 includes 3G-SDI output that's ideal for on-the-move reporters and ENG shooters.

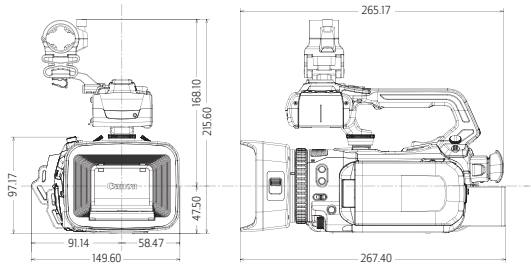
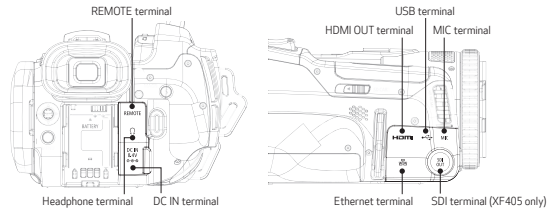


**XF405****XF400**

Standard Definition or High Definition	4K Ultra High Definition
Power Supply (Rated)	7.4V DC (battery pack), 8.4V DC (DC IN)
Video Recording System	Compression: MPEG-4 AVC/H.264 Colour Sampling: 4:2:2 or 4:2:0 File Format: MP4 Recording Modes: 150 Mbps: 3840x2160 (50p/25p or 60p/30p/24p), 35 Mbps: 1920x1080 (60p/30p/24p), 17 Mbps: 1920x1080 (50p/25p or 60p/30p/24p), 8 Mbps: 1280x720 (50p or 60p), 4 Mbps: 1280x720 (25p or 30p)
Audio Recording System	MPEG-4 AAC-LC (16-bit 2ch) / LPCM (16-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	When using a 64GB card 150 Mbps: 55 min. / 35 Mbps: 240 min. / 17 Mbps: 495 min. / 8 Mbps: 1055 min. / 4 Mbps: 2115 min. Recording will automatically stop when it has continued for 12 hours. A variable bit rate is applicable in each case.
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	50p/25p or 60p, 30p, 24p
Minimum Illumination	P Mode: Approx. 1.7 lux (shutter speed: 1/30 sec., 50p or 60p with auto slow shutter on) Low Light Mode: Approx. 0.1 lux (shutter speed: 1/2 sec.)
Genlock Terminal	No

**XF405****XF400**

3G-SDI Terminal	Yes	No
Timecode Terminals	No	
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	0.24-inch TFT wide color LCD, approx. 1.56 million dots, approx. 100% field of view	
LCD Touch Panel	3.5-inch wide LCD and wide view angle, wide colour range supported and AR surface treatment (approx. 1.56 million dots)	
Microphone	Stereo (using electret condenser microphone)	
Recording Media	SD/SDHC/SDXC Card (2 slots): MP4 movies/photos. Menu settings can also be recorded.	
USB Terminal	Mini-B receptacle and Hi-Speed USB supported (output only)	
Video Terminal	HDMI™ mini connector, 3G-SDI terminal	HDMI™ mini connector
Audio Terminal	3.5mm stereo mini-jack, XLR 3-pin jack (two channels, provided on the handle unit), HDMI™ mini connector, headphone jack, 3G-SDI terminal	3.5mm stereo mini-jack, XLR 3-pin jack (two channels, provided on the handle unit), HDMI™ mini connector, headphone jack
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. 135 x 97 x 214mm (excluding lens hood, mic holder unit, handle unit and battery pack) <i>Dimensions exclude the grip belt.</i>	
Weight	Approx. 1150g (body only) Approx. 1670g (includes lens hood, mic holder unit, handle unit, Battery Pack BP-828 and 1 memory card) <i>Grip belt included for all values.</i>	Approx. 1145g (body only) Approx. 1665g (includes lens hood, mic holder unit, handle unit, Battery Pack BP-828 and 1 memory card) <i>Grip belt included for all values.</i>

**DIMENSIONS****TERMINALS****ACCESSORIES**

ITEM	Battery Pack BP-828	Battery Pack BP-820	Battery Charger CG-800	GPS Receiver GP-E2
ITEM	Wide Attachment Lens WA-US8	Tele-Converter TL-US8	Video Light VL-10Li II	Remote Controller RC-V100
ITEM	Mini-HDMI Cable HTC-100	USB Cable IFC-400PCU		

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