

XA55 XA50

4K UHD PRO CAMCORDER



1.0-INCH CMOS. 4K UHD VIDEO. CANON EXCELLENCE.

The portable XA55 and XA50 Professional Camcorders deliver outstanding image quality and features ideal for on-the-go video production. With 1.0-inch 4K UHD CMOS Image Sensors, DIGIC DV 6 Image Processors and Dual Pixel CMOS AF, they can record in XF-AVC or MP4 formats to dual SD card slots to offer the impressive versatility that professionals need.

4K UHD and Full HD Recording

Using the XF-AVC or MP4 recording formats, users can record to dual SD card slots in 4K UHD and Full HD resolutions. Plus, the 1.0-inch 4K UHD CMOS Image Sensor enables 4K UHD video capture at 30p and slow motion recording up to 60 fps in Full HD (30 fps in 4K UHD), making the camcorders excellent for professional productions, creative fields and more.

8.29 Megapixel 1.0-inch CMOS Sensor and DIGIC DV 6

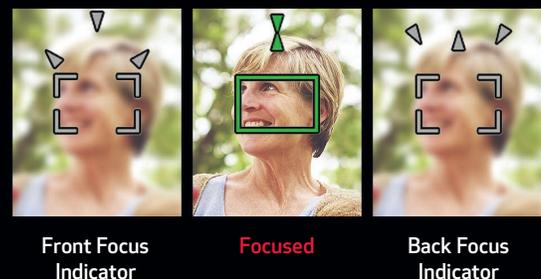
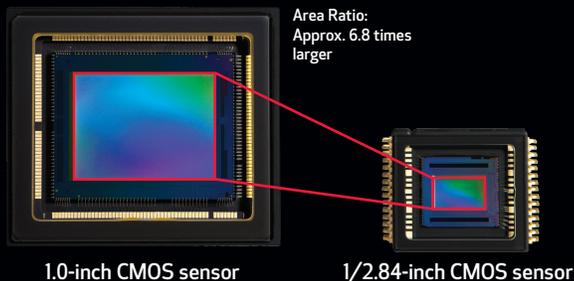
The CMOS Sensor and DIGIC DV 6 imaging engine further enhance sensitivity and low noise performance, resulting in images with reduced noise in low light.

15x Optical 4K UHD Zoom Lens

The 15x Optical Zoom Lens maintains 4K UHD quality throughout the entire zoom range, offering a focal length range of 25.5 to 382.5mm (35mm film equivalent).

Dual Pixel CMOS AF and Dual Pixel Focus Guide

Canon's fast, precise Dual Pixel CMOS AF assists not only with standard shooting, but also with 4K UHD 30p, Full HD 60p and other applications that require frame-by-frame accuracy. Dual Pixel Focus Guide enables precise manual focus by displaying focus assist information on screen.



Full HD Over Sampling Recording

Full HD image quality is now even better thanks to Over Sampling HD Processing, which enables Full HD recording by utilizing the outstanding capabilities of the 4K CMOS Sensor.

3.0-inch Touch Panel LCD and 0.24-inch Tiltable Electronic Viewfinder

The 460,000-dot LCD display provides vivid colors, high contrast and faithful color reproduction. For low-angle shooting, the electronic viewfinder can tilt up to 45°, all while providing 100% field of view and 1.56 million dots of resolution.



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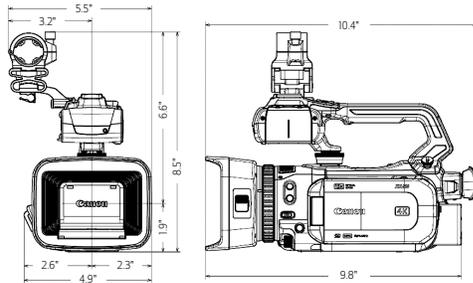
Standard Definition or High Definition	4K Ultra High Definition	
Power Supply (Rated)	7.4 V DC (Battery Pack), 8.4 V DC (DC IN)	
Video Recording System	Compression: MPEG-4 AVC/H.264 File Format: MP4 Recording Modes: 3840 x 2160: 29.97p/23.98p 1920 x 1080: 59.94p/29.97p/23.98p 1280 x 720: 59.94p File Format XF-AVC Recording Modes: 3840 x 2160: 29.97p/23.98p 1920 x 1080: 59.94p/59.94i/29.97p/23.98p	
Audio Recording System	MP4: MPEG-2 AAC-LC (16-bit 2ch) / LPCM (16-bit 4ch) XF-AVC: LPCM (24-bit 4ch)	
Image Sensor	1.0-inch CMOS, RGB Primary Color Filter	
Total Pixels	Approx. 13.4 megapixels (4268 x 3148)	
Effective Pixels	Approx. 8.29 megapixels (3840 x 2160)	
Lens	Canon 15x Zoom, 8.3-124.5mm (35mm equivalent 25.5-382.5mm), f/2.8-4.5	
Television System	NTSC	
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	
Exposure Control	Auto Mode Manual Mode: P, Tv, Av, M (Manual Exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks)	
Maximum Shutter Speed	1/2000 sec.	
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	
Minimum Illumination	P Mode: Approx. 1.7 lux (shutter speed: 1/30 sec., 60p with auto slow shutter on) Low Light Mode: Approx. 0.1 lux (shutter speed: 1/2 sec.)	
3G-SDI Terminal	Yes	No

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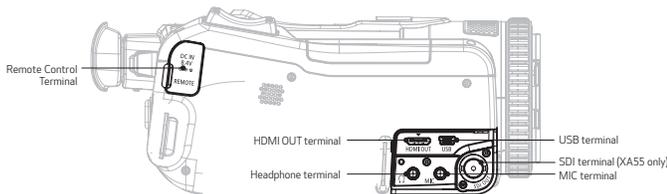
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Image Stabilization	Optical system (lens shift) + electronic stabilization (Image rotation and camcorder movements in the yaw and pitch directions are electronically corrected.) Modes: Dynamic IS, Powered IS, Standard IS, IS Off	
Filter Diameter	58mm	
Viewfinder	0.24-inch TFT wide color LCD, approx. 1.56 million dots, approx. 100% field of view	
LCD Touch Panel	3.0-inch wide LCD and AR surface treatment (approx. 460,000 dots)	
Microphone	Stereo (using electret condenser microphone)	
Recording Media	SD/SDHC/SDXC Card (2 slots): MP4/XF-AVC movies and photos. UHS-I standard supported. Menu settings can also be recorded.	
USB Terminal	mini-B receptacle, Hi-Speed USB, point-to-point class supported (output only)	
Accessory Shoe	Cold shoe	
Video Terminal	3.5mm stereo mini-jack, HDMI™ mini connector, 3G-SDI terminal	3.5mm stereo mini-jack, HDMI™ mini connector
Audio Terminal	3.5mm stereo mini-jack, XLR 3-pin jack (2 channels, provided on the handle unit), HDMI™ mini connector, headphone jack, 3G-SDI terminal	3.5mm stereo mini-jack, XLR 3-pin jack (2 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	No	
Remote Control Terminal	2.5mm stereo mini-jack	
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. 4.3 x 3.6 x 8.4 in. / 109 x 91 x 214mm (excluding lens hood, mic holder unit, handle unit and battery pack) Approx. 4.9 x 3.6 x 10.4 in. / 125 x 91 x 265mm (including lens hood and Battery Pack BP-820; excluding mic holder unit and handle unit) Approx. 5.5 x 8.5 x 10.4 in. / 140 x 216 x 265mm (including lens hood, Battery Pack BP-820, mic holder unit and handle unit) All dimensions exclude the grip belt.	
Weight	Approx. 2.1 lbs. / 970g (body only, grip belt included)	Approx. 2.1 lbs. / 960g (body only, grip belt included)

DIMENSIONS



TERMINALS



ACCESSORIES

ITEM				
ITEM CODE	8598B002	8597B002	2590B002	6363B001
ITEM				
ITEM CODE	2494C001	2493C001	1729B001	9660B001
ITEM				
ITEM CODE	2384B001	9370A001	9389A001	

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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