Canon
Delighting You Always

4K UHD

XA55
XA50
4K UHD PRO CAMCORDER

2.54CM 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 2.54cm 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
The 2.54cm 4K UHD CMOS Image Sensor enables 4K UHD video capture at 25p and Full HD at 50p, making the camcorders excellent for professional productions, creative fields and more. Additionally, using the XF-AVC or MP4 recording formats, users can record to dual SD card slots in 4K UHD or full HD resolutions.

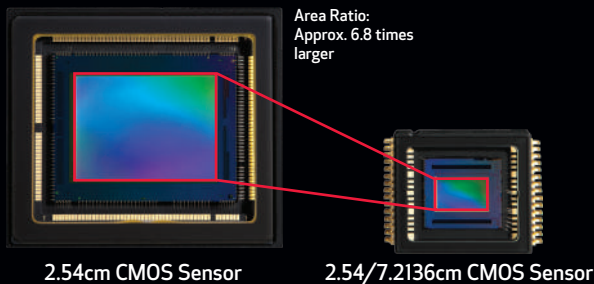### 8.29 Megapixel 2.54cm CMOS Sensor and DIGIC DV 6
The CMOS Sensor and DIGIC DV 6 imaging engine further enhance sensitivity and low noise performance, resulting in images with reduced noise in low light.

Area Ratio: Approx. 6.8 times larger

2.54cm CMOS Sensor   2.54/7.2136cm CMOS Sensor

Full HD Over Sampling Recording
Full HD image quality has also been improved due to Over Sampling HD Processing. This process utilizes the outstanding capture capabilities of the 4K CMOS Sensor and oversamples the data, which results in improved image quality in full HD resolution.

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). It delivers high image quality across the entire zoom range, aided by smooth servo performance to assist the operator.

Dual Pixel CMOS AF and Dual Pixel Focus Guide
Canon's Dual Pixel CMOS AF allows for fast and precise autofocus tracking performance even in demanding situations, allowing for better footage and easier operation. This system even extends into manual focus operation where the Dual Pixel Focus Guide enables precise manual focus by displaying focus assist information on screen.

Front Focus Indicator   Focused   Back Focus Indicator

7.62cm Touch Panel LCD and 0.6096cm 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.
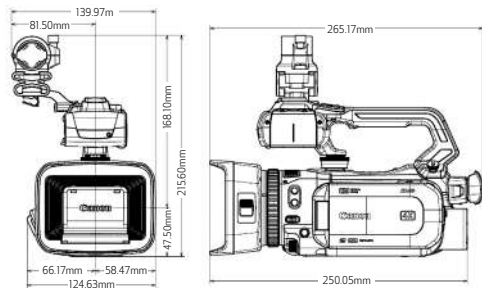
4K UHD | **1.0 type CMOS** | **Dual Pixel CMOS AF** | **4K Video Lens** | **9-Bladed Iris** | **Audio 4ch** | **Double Slot**

SPECIFICATIONS

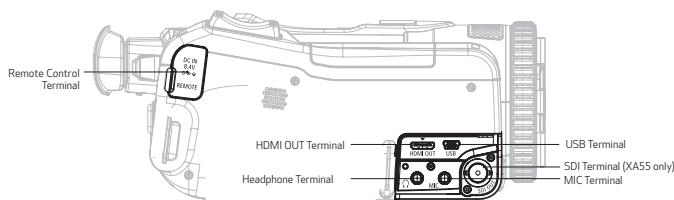|	XA55	XA50
Shooting Formats	4K Ultra High Definition, Full HD Resolution	
Power Supply (Rated)	7.4V DC (Battery Pack), 8.4V DC (DC IN)	
Video Recording System	Compression: MPEG-4 AVC/H.264 File Format: MP4 Recording Modes: 3840 x 2160: 25.00p (PAL) 1920 x 1080: 50.00p/25.00p (PAL) File Format XF-AVC Recording Modes: 3840 x 2160: 25.00p (PAL) 1920 x 1080: 50.00p/50.00i/25.00p (PAL)	
Audio Recording System	MP4: MPEG-2 AAC-LC (16-bit 2ch) / LPCM (16-bit 4ch) XF-AVC: LPCM (24-bit 4ch)	
Image Sensor	2.54cm CMOS	
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	
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 seconds.	
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	
Minimum Illumination	P Mode: PAL: Approx. 1.4 lux (shutter speed 1/25 seconds., 50:00p with auto slow shutter on) Low Light Mode: Approx. 0.1 lux (shutter speed: 1/2 seconds)	
3G-SDI Terminal	Yes	No

	XA55	XA50
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	0.6096cm TFT wide color LCD, approx. 1.56 million dots, approx. 100% field of view	
LCD Touch Panel	7.62cm 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	
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. 109 x 91 x 214mm (excluding lens hood, mic holder unit, handle unit and battery pack) Approx. 125 x 91 x 265mm (including lens hood and Battery Pack BP-820; excluding mic holder unit and handle unit) Approx. 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. 970g (body only, grip belt included)	Approx. 960g (body only, grip belt included)

DIMENSIONS

139.97m
81.50mm
265.17mm
168.10mm
215.60mm
47.50mm
66.17mm
58.47mm
124.63mm
250.05mm

TERMINALS

Remote Control Terminal
DC IN 8.4V REMOTE
HDMI OUT Terminal
Headphone Terminal
USB Terminal
SDI Terminal (XA55 only)
MIC Terminal

ACCESSORIES

ITEM	Battery Pack BP-828	Battery Pack BP-820	Battery Charger CG-800	GPS Receiver GP-E2
ITEM	Wide Attachment Lens WA-U58	Tele-Converter TL-U58	Video Light VL-10Li II	Remote Controller RC-V100
ITEM	Mini-HDMI Cable HTC-100	USB Cable IFC-400PCU	Soft Case SC-2000	

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