



POWERFUL COMPACT CAMCORDERS FOR PROFESSIONAL PERFORMANCE

Combining powerful performance with a portable size, the XA15 and XA11 professional camcorders provide high-quality video recording for a variety of shooting applications including news footage, film and television productions, documentaries, events and more.

Featuring improved low-light performance thanks to a high quality 1/2.84-inch HD CMOS Pro Sensor, both camcorders are capable of capturing video with a low-luminance noise rating of +3 dB compared to XA25 and XA20. An impressive 20x Optical Zoom Lens and Canon's DIGIC DV 4 Image Processor help deliver video with smooth gradation with rich colour and minimal noise, even in dimly lit situations. A Highlight Priority recording mode helps faithfully preserve detail and colour in the mid- to high-brightness range, while the Wide DR Gamma recording mode expands the dynamic range to 600%.

The XA15 pro camcorder's HD/SD-SDI terminal allows for easy connectivity to broadcast vans, workstations, recording devices and other digital cinema/TV hardware. This ability to quickly and accurately transfer uncompressed video along with timecode and embedded audio make the XA15 ideal for Electronic News Gathering (ENG) and other on-the-go productions.

KEY FEATURES

- Genuine Canon 20x High Definition Optical Zoom Lens
- Advanced HD CMOS Pro Image Sensor with Improved Low-Light Performance
- Full HD 1920x1080 Recording Capabilities
- HD/SD-SDI Output (XA15 only)
- 3.0-inch Viewscreen and Electronic Viewfinder
- Dual SD Card Slots
- Wide DR Gamma (600%)
- Highlight Priority Mode with View Assist Function
- 5-axis Dynamic Image Stabilization System and Intelligent IS
- Improved Infrared Shooting Mode
- Interval Recording
- Ergonomic, Portable Design with Detachable Handle

XA15/XA11 COMPACT HIGH DEFINITION CAMCORDERS

SPECIFICATIONS

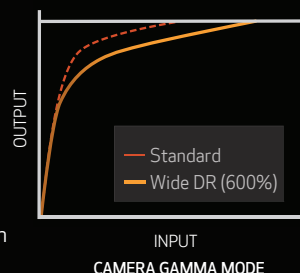
MODEL	XA15	XA11
TELEVISION SYSTEM	PAL or NTSC	
RECORDING FORMAT	AVCHD/MP4	
VIDEO RECORDING SYSTEM	MPEG-4 AVC/H.264	
AUDIO RECORDING SYSTEM	Linear PCM (2ch)*, Dolby Digital (2ch)/MPEG-2 AAC-LC (2ch) *28Mbps/24Mbps video recording modes only; 16-bit resolution	
IMAGE SENSOR	1/2.84-inch CMOS, RGB Primary Colour Filter	
TOTAL PIXELS	Approx. 3.09Megapixels (2208 x 1398)	
EFFECTIVE PIXELS	Approx. 2.91Megapixels (2136 x 1362)	
LENS	ZOOM RATIO	20x Optical/400x Digital
	FOCAL LENGTH	3.67-73.4mm (35mm equivalent: 26.8-576mm with Standard IS/IS Off, 28.8-576mm with Dynamic IS)
	ZOOM SPEED	Variable speed/Constant speed (16 levels); Fast, Normal or Slow
	MAX. F/STOP	f/1.8-2.8
FOCUSING SYSTEM	Hybrid AF (TTL-video signal detection system and external phase difference metering system): Instant AF, Medium AF, Normal AF (TTL-video signal selection system), Face Only AF, Manual Focus	
MANUAL EXPOSURE	Available	
PROGRAMMED AE	AUTO MODE	Auto
	MANUAL MODE	P, Tv, Av, M (Manual exposure), SCN (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks)
	CINEMA MODE	P, Tv, Av, M
MAX SHUTTER SPEED	1/2000sec.	
MINIMUM FOCUSING DISTANCE	10mm (wide end)/60cm (across zooming range)	
WHITE BALANCE	Auto, Set 1, Set 2, colour temperature setting and preset	
FRAME RATE	AVCHD	PAL:i1080: 50.00P/50.00i/PF25 NTSC: i1080: 59.94P/59.94i/PF29.97/23.98P
	MP4	PAL:i1080 and 720: 50.00P/25.00P, 360: 25P NTSC: i1080 and 720: 59.94P/29.97P/23.98P, 360: 29.97P/23.98P
MINIMUM ILLUMINATION	AUTO MODE	PAL: Approx. 1.0 lx (shutter speed 1/25sec. with auto slow shutter on) NTSC: Approx. 1.2 lx (shutter speed 1/30sec. with auto slow shutter on)
	LOW LIGHT MODE	PAL or NTSC: Approx. 0.1 lx (shutter speed 1/2sec.)
IMAGE STABILIZATION	Optical System (Lens Shift) + Electronic Stabilization Control Modes: Dynamic IS, Powered IS*, Macro IS and Tripod Mode *During Intelligent IS (Auto Mode), Powered IS can be set to On or Off. IS Modes Other than Intelligent IS: Standard IS, IS OFF	
FILTER DIAMETER	58mm	
VIEWFINDER	0.24-inch, TFT Widescreen color LCD (equivalent to approx. 1.56 million dots; 100% field of view)	
LCD SCREEN	3.0-inch, Capacitive Touch Panel (approx. 460,000 dots)	
RECORDING MEDIA	2 SD/SDHC/SDXC memory card slots	
USB TERMINAL	Mini-B receptacle and Hi-Speed USB supported (output only)	
HD/SD SDI TERMINAL	BNC jack	N/A
ACCESSORY SHOE	Cold shoe	
HDMI TERMINAL	HDMI OUT mini connector	
MICROPHONE TERMINAL	3.5mm diameter stereo mini-jack, MIC/LINE switching possible	
A/V MINI TERMINAL/HEADPHONE TERMINAL	3.5mm diameter 4-pole mini-jack (video/audio output only)	
HEADPHONE TERMINAL	3.5mm stereo mini-jack	
REMOTE CONTROL TERMINAL	2.5mm stereo mini-jack (input only)	
OPERATING TEMPERATURE RANGE	Approx. -5-45°C, 60% relative humidity (operation) Approx. 0-40°C, 85% relative humidity (performance)	
DIMENSIONS (W X H X D)	109 x 84 x 182mm (not including lens hood, microphone holder and handle unit)	
WEIGHT	Approx. 750g	Approx. 745g

ADVANCED HD CMOS PRO IMAGE SENSOR

A 1/2.84-inch, 2.91 Megapixel HD CMOS Pro Image Sensor features enhanced sensitivity, allowing for an improved signal-to-noise ratio resulting in smoother, sharper video – even in low light. The XA15 and XA11 pro camcorders can capture video with a low-luminance noise rating of +3 dB compared to XA25 and XA20.

WIDE DR GAMMA

For natural and realistic-looking image capture, the Wide DR Gamma mode suppresses overexposure in high brightness areas, while maintaining seamless gradations. A wide dynamic range of 600% preserves latitude for post-production work, resulting in smooth detail and accurate colour.



HIGHLIGHT PRIORITY

Designed for display on high brightness displays, the Highlight Priority mode helps capture highly saturated, realistic colours and gradations. Similar to HDR modes in other camcorders, mid- to high-brightness compression of the standard gamma mode is reduced, helping to prevent loss of detail in high brightness areas.

IMPROVED INFRARED SHOOTING MODE

Allowing the capture of video in conditions with little to no ambient light, the Infrared Shooting mode can shoot at brightness levels that are approximately 1.4 times more sensitive than XA25 and XA20, and allows low-light capture by removing the infrared cutoff filter from the optical path.

INTERVAL RECORDING

Slow and Fast Motion recording modes have been extended to include Interval Recording. This mode allows the user to record frames at specified intervals, providing time-lapse recording of up to 1200x and slow motion down to 0.4x of the original speed.

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Canon

SOUTH & SOUTHEAST ASIA REGIONAL HEADQUARTERS

CANON SINGAPORE PTE. LTD.

1 Fusionopolis Place, #15-10 Galaxis, Singapore 138522

Tel: 65 6799 8888

Fax: 65 6799 8882

www.canon-asia.com

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