



## POWERFUL COMPACT CAMCORDERS FOR PROFESSIONAL PERFORMANCE

Combining powerful performance with a portable size, the XA35 and XA30 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 new HD CMOS Pro Sensor, both camcorders are capable of capturing video with a low-luminance noise rating of +3 dB compared to their previous models. An impressive 20x Optical Zoom lens and Canon's DIGIC DV 4 Image Processor help deliver video with smooth gradation with rich color and minimal noise, even in dimly lit situations. A new Highlight Priority recording mode helps faithfully preserve detail and color in the mid- to high-brightness range, while the new Wide DR Gamma recording mode expands the dynamic range to 600%.

The XA35 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 XA35 ideal for Electronic News Gathering (ENG) and other on-the-go productions.

### KEY FEATURES

- Genuine Canon 20x High Definition Optical Zoom Lens
- New, Advanced HD CMOS Pro Image Sensor with Improved Low-Light Performance
- Full HD 1920x1080 Recording Capabilities
- HD/SD-SDI Output (XA35 only)
- Built-in Wi-Fi® Technology with FTP Capability
- 3.5-inch OLED Viewscreen and Electronic Viewfinder
- Dual SD Card Slots
- Wide DR Gamma (600%)
- Highlight Priority Mode with View Assist Function
- Intelligent Optical Image Stabilization System
- Improved Infrared Shooting Mode
- Interval Recording
- Ergonomic, Portable Design with Detachable Handle

# XA35 / XA30 COMPACT HIGH DEFINITION CAMCORDERS

PRODUCT NAME: XA35 / XA30

ITEM CODE: 1003C002 / 1004C002

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## SPECIFICATIONS

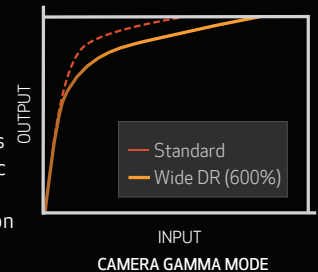
MODEL		XA35	XA30
STANDARD DEFINITION OR HIGH DEFINITION		High Definition	
POWER SUPPLY (RATED)		7.4 V DC (battery pack), 8.4 V DC (DC IN)	
TELEVISION SYSTEM		NTSC	
RECORDING FORMAT		AVCHD / MP4	
VIDEO RECORDING SYSTEM		MPEG-4 AVC / H.264	
AUDIO RECORDING SYSTEM		Linear PCM (2ch)*, Dolby Digital (2ch) / MPEG-2 AAC-LC (2ch) *28 Mbps/24 Mbps video recording modes only; 16-bit resolution	
IMAGE SENSOR		1/2.84-inch CMOS, RGB Primary Color Filter	
TOTAL PIXELS		Approx. 3.09 Megapixels (2208 x 1398)	
EFFECTIVE PIXELS		Approx. 2.91 Megapixels (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		1/2000 sec.	
MINIMUM FOCUSING DISTANCE		20mm (wide end) / 60cm (across zooming range)	
WHITE BALANCE		Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H	
FRAME RATE	AVCHD	1080: 59.94P / 59.94i / PF29.97 / 23.98P	
	MP4	1080: 59.94P / 29.97P / 23.98P; 720 and 360: 29.97P / 23.98P	
MINIMUM ILLUMINATION	AUTO MODE	Approx. 1.2 lux (shutter speed 1/30 sec. and with auto slow shutter on)	
	LOW LIGHT MODE	Approx. 0.1 lux (shutter speed 1/2 sec.)	
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		3.5-inch OLED, Capacitive Touch Panel (Approx. 1.23 million 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		3.5 mm 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)		4.3 x 3.3 x 7.2 in. / 109 x 84 x 182mm (not including lens hood, grip belt, microphone holder and handle unit)	
WEIGHT		Approx. 1.7 lb. (770g) (includes grip belt)	Approx. 1.7 lb. (765g) (includes grip belt)

## NEW, ADVANCED HD CMOS PRO IMAGE SENSOR

A new, re-engineered, 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 XA35 and XA30 pro camcorders can capture video with a low-luminance noise rating of +3 dB compared to their previous models.

## 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 color.



## HIGHLIGHT PRIORITY

Designed for display on high brightness displays, the new Highlight Priority mode helps capture highly saturated, realistic colors and gradations. Similar to HDR modes in other camcorders, mid- to high- brightness compression of the standard gamma mode are 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 their previous models, 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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