



## 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

UPC CODE: 013803267112 / 013803267136

## SPECIFICATIONS

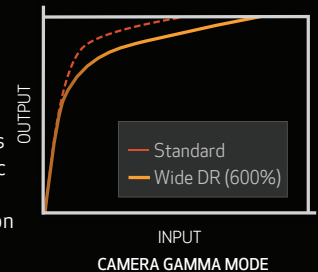
| MODEL                                  |                | XA35  | XA30   |
|--|----------------|---|--|
| STANDARD DEFINITION OR HIGH DEFINITION |                | High Definition   |  |
| POWER SUPPLY (RATED)                   |                | 7.4 V DC (battery pack), 8.4 V DC (DC IN)   |  |
| TELEVISION 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)<br>*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<br>Control Modes: Dynamic IS, Powered IS*, Macro IS and Tripod Mode<br>*During Intelligent IS (Auto Mode), Powered IS can be set to On or Off.<br><br>IS Modes Other than Intelligent IS:<br>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)<br>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)<br>(includes grip belt)  | Approx. 1.7 lb. (765g)<br>(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.

©2015 Canon U.S.A., Inc. All rights reserved. Not responsible for typographical errors. Specifications subject to change without notice. Products not shown to scale. Certain images and effects are simulated. Canon is a registered trademark of Canon Inc. in the United States and may also be a trademark or registered trademark in other countries. All other products and brand names may be registered trademarks, trademarks or service marks of their respective owners in the United States and/or other countries.



For more info:  
pro.usa.canon.com

@CanonUSApro