

XA10

Canon

Delighting You Always



CANON XA10 PROFESSIONAL CAMCORDER

ULTRA-PORTABLE INDEPENDENT & ENG PERFORMANCE



Created to be the ultimate model of choice for on-the-go videographers where speed and portability is of the essence. Extremely mobile yet packed with limitless features, the Canon XA10 is the only truly professional camcorder for run-and-gun shooting.

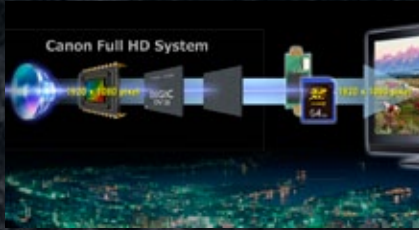


Genuine Canon 10x HD Video Lens



The XA10 utilizes Canon's 10x HD Video Lens with a focal range of 30.4mm to 304mm, offering users versatility and impeccable image quality. This is coupled with the XA10's unique 8-blade iris that produces outstanding 'bokeh' while maintaining superb image quality and a dedicated manual focus ring to ensure precision control at all times. The XA10 also incorporates a SuperRange Optical Image Stabilization system that helps in reducing focusing time especially when on-the-go.





Canon Full HD CMOS Image Sensor

Designed exclusively by Canon, the XA10 employs a native 1/3-inch 1920 x 1080 Full HD CMOS Image Sensor that delivers fantastic images with minimal noise, high sensitivity and a wide dynamic range.



DIGIC DV III Digital Image Processor

The XA10's DIGIC DV III Image Processor powers the advanced technologies in the camcorder such as Genuine Canon Face Detection, Touch & Track and Cinema-Look Filters, while also enhancing shading and producing naturalistic tonal graduations, all with a lower power consumption than ever before.

AVCHD Codec

Fast becoming the codec of choice in professional camcorders, the XA10 uses the AVCHD (Advanced Video Coding High Definition) codec. AVCHD runs MPEG-4 AVC/H.264 compression technology, much like that of Canon's HD DSLR Cameras. The XA10 records video at 1920 x 1080 4:2:0 colour space, with bit rates of up to 24Mbps, producing sharp vibrant images. The AVCHD format is fully supported and compatible with most consumer and professional grade non-linear editing (NLE) workflows.



Internal Drive / SD Card Recording

The XA10 provides a variety of options for recording: to its 64GB internal flash drive, to removable SD memory cards, or even both simultaneously for backing up purposes. Through a combination of recording to the XA10's internal memory and two SD memory cards recording time can be increased substantially to allow for continuous uninterrupted shooting. Recorded footage can be viewed immediately by inserting the SD memory cards into a computer or HDTV card reader for review.



Infrared Recording

Using the Infrared Mode in the XA10 allows users to record images in situations where there is little to no available light. It is especially beneficial for documentary and law enforcement usage where the user may wish to remain hidden from their subjects. Infrared recording is achieved through removal of the infrared cutoff filter, and the special coating on the XA10's HD Video Lens allowing infrared light to pass through to the image sensor. There is the choice of recording in either green or white light mode.



Customization

The XA10 offers a wide array of customization options and aid, giving users an unparalleled level of control of the image being created. Camera functions such as Exposure can be set to manual. There are 6 presets available for white balance including the ability to set colour temperature in 100K increments for ultimate precision. Other functions include Focus and Exposure Aids, providing 2x magnification of the image as well as color peaking showing what areas of the frame are in focus, a waveform monitor and zebra providing a detailed analysis of the overall image's exposure level, and Cinema Shooting Mode, which lets the user choose from nine different cinematic filters to customize colour depth, contrast, and softening for a distinct look.



XA10 KIT CONTENTS

- XA10 Body
- Lens Hood
- Stylus Pen
- Battery Pack BP-808
- Microphone Holder Unit / Handle Unit
- Wireless Controller WL-D89
- Compact Power Adapter CA-570
- USB Cable IFC-300PCU
- Stereo Video Cable STV-250N
- Component Cable CTC-100/S
- Bundled CD Roms:
 - Pixela Transfer Utility Disc
 - Music Disc

Canon
Delighting You Always

XF105 · XF100



CANON XF105 & XF100 PROFESSIONAL CAMCORDERS

HIGH DEFINITION BROADCASTING EXCELLENCE

Presenting the Canon XF105 and XF100, breathtaking full HD image quality in an incredibly compact design. Unparalleled in features, the Canon XF105 and XF100 are geared towards an unlimited range of applications where efficiency, portability and great image quality is of utmost importance.

Genuine Canon 10x HD Video Lens

Utilizing a 10x f/1.8 HD Video lens with a 30.4mm to 304mm focal range, the XF105 and XF100 offers the ultra flexibility in a portable form factor. With its Super Range Optical Image Stabilization system, any camera shake and vibration is significantly reduced to enable stable images that look stunning no matter what the situation.

Canon Full HD CMOS Image Sensor

Inheriting the best of CMOS technologies from Canon's renowned EOS DSLR cameras, the XF105 and XF100 make use of Canon's newly designed 1/3-inch 1920 x 1080 CMOS Image Sensor to deliver superb full HD video with minimal noise and a wide dynamic range.



DIGIC DV III Digital Image Processor

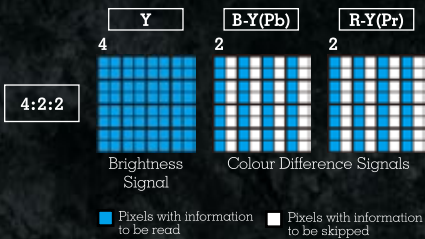
The XF105 and XF100 feature Canon's powerful DIGIC DV III Digital Image Processor, now including custom picture settings and significantly lower power consumption while still retaining naturalistic colour reproduction, excellent tonal graduations and enhanced clarity in the shadows. The DIGIC DV III Digital also powers Canon's Face Detection Technology, an auto-focus option vital for covering events and news on the fly.



MPEG-2 4:2:2

MXF

50Mbps



MPEG-2 4:2:2 50Mbps Codec

MPEG-2 is one of the most widely used formats in the broadcast industry due to its extreme reliability and versatility in application. The superior MPEG-2 4:2:2 50Mbps Canon XF codec coupled with the XF105 and XF100's HD Video Lens and Full HD CMOS Image Sensor produces the stunning deep colour and vivid details, ideal for post production processes such as chroma keying and advanced compositing. The Full HD 1920 x 1080 resolution 4:2:2 colour sampling is twice that of HDV, allowing for ultra-fine transitions in tone and colour.



Compact Flash Card Recording

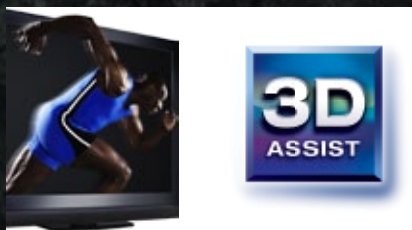
The XF105 and XF100 record Full HD video onto non-proprietary Compact Flash (CF) Memory Cards. CF cards are widely available, inexpensive and highly reliable. The XF105 and XF100 possess dual CF card slots, offering a variety of possibilities such as dual slot simultaneous recording, relay recording and backup capabilities.

Ergonomics

The XF105 and XF100 are lightweight and compact without compromising on functionality and amazing image quality. With the user in mind, comfort and ease of use is key. Buttons and the control interface are laid out in the most intuitive way, and customizable dependent on individual user preferences.

Recording Modes and Frame Rates

The XF105 and XF100 have the ability to record at different resolutions, frame rates and bit rates. In Slow and Fast Motion modes, the XF105 and XF100 records real frames, thereby promising no loss in the image quality. At 1080i, Fast Motion is supported up to 2x the normal frame rate. At 720p, this increases up to 4x, and in Slow Motion as slow as 0.5x. Another feature ideal for news and events coverage is the Pre-Record which buffers an extra three seconds of video in memory enabling instant recording without a delay when the record button is engaged. This ensures no vital moments will ever be missed.



3D Capabilities

The XF105 and XF100 have several built-in features crucial to stereoscopic 3D. These include Axis Shift which corrects any misalignment between two cameras mounted on a 3D rig, while Focal Length Guide provides users with the precise zoom positions of each camera in a setup in relation to one another.



Infrared Recording

Using a specially engineered lens coating exclusive to Canon that allows infrared light to pass through to the CMOS Image Sensor, Infrared Mode allows users to capture video in low or no light conditions. The XF105 and XF100 offer the choice of recording in either green or white.

Customization

The XF105 and XF100 offer users full manual control of all camera functions allowing maximum creative license and the ability to create a truly distinct look for every shooting scenario. Usually reserved for more expensive cameras, individual customizable items include Master Pedestal, Knee settings and RGB Colour Matrices. Custom settings can easily be saved onto any of the ten buttons located on the camera body for easy access, or on an SD memory card for matching looks between multiple XF105 and XF100 camcorders.

Extensive Connectivity

The XF105 and XF100 are equipped with an extensive array of connectivity options to ensure effortless cohesion with other production equipment. Additionally, the XF105 utilizes industry standard HD-SDI output and a Genlock/Timecode BNC style terminal, ideal for synchronizing multiple cameras and for 3D productions.

Smooth Integration with Post Production Infrastructure

Through Canon's active collaborations with the major non-linear editing (NLE) companies such as Adobe, Apple, Avid and Grass Valley, the XF105 and XF100 enjoy full compatibility and smooth integration into any post production pipeline. Canon's XF Utility software and plug-ins for Apple Final Cut Pro and Avid Media Access is included with the XF105 and XF100 for easy and fast clip management.



For more information, visit www.canon-asia.com