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Canon

DIGITAL CAMCORDER FULL LINE PRODUCT GUIDE

WINTER/SPRING 2011



SHOOT. CAPTURE. SEE. BE HD.



VIXIA HFM41

VIXIA HFG10

Video Excellence... Powered by Canon

Video captures vision and celebrates memories. Images in motion, your videos are expressions of the time and space that are your world. Capturing your vision with exceptional clarity and beauty is what drives Canon to excellence. Every Canon camcorder reflects decades of leadership in optics and imaging. Leading-edge Canon technologies deliver on the promise of unparalleled image quality and give your vision the lasting impact it deserves. With a broad selection of camcorders, offering a comprehensive array of features and capabilities, Canon has the perfect answer to your video needs.

High Definition Camcorders



Standard Definition Camcorders



Shoot High Definition with Expert Precision



Select Canon VIXIA camcorders put the sophisticated imaging power of the Canon HD CMOS Pro Image Sensor in your hands, making it possible to shoot HD video quality rivaled only by professional equipment.



27

VIXIA CAMCORDERS

Featuring Genuine Canon Optics and advanced video technologies, Canon VIXIA camcorders rate among the best in class. Whatever the need, there's a Canon VIXIA camcorder to match.

6 VIXIA HF G10

7 VIXIA HF S30

8 VIXIA HF M41/HF M40/HF M400

10 VIXIA HF R21/HF R20/HF R200



STANDARD DEFINITION CAMCORDERS

Lightweight, compact and user-friendly, Canon's standard definition camcorders record stunning video at an affordable price.

14 FS40/FS400



- 16 WP-V3 WATERPROOF CASE
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- 24 EOS DIGITAL SLR CAMERAS
- 25 POWERSHOT DIGITAL CAMERAS
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PROFESSIONAL CAMCORDERS

Canon's professional camcorders are for discerning image-makers who want the proper tool to realize their unique vision. Studio or on-site, Canon professional camcorders meet your production demands.

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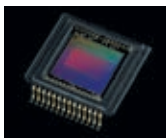


HIGH DEFINITION

VIXIA HFG10

Professional-Quality High Definition

- Records crisp high definition video to a 32GB internal flash drive or directly to 2 SDXC-compatible memory card slots for fast and easy sharing
- Genuine Canon 10x HD Video Lens with 8-Blade Iris and manual focus ring delivers unsurpassed image quality and a wide angle of view for added versatility
- Canon HD CMOS Pro Image Sensor is a professional-level 1/3-inch native 1920 x 1080 image sensor which delivers outstanding video resolution, superb low-light performance and a wide dynamic range
- 3.5-inch High Resolution Touch Panel LCD offers fast and easy operation and exceptional detail on a stunning 922,000 dot screen
- Professional Shooting Assist Functions—such as enhanced zebra pattern, color peaking, Custom Key and Dial, color bars, white balance control and selectable zoom speed—provide an exceptional level of control
- Cinema-Look Filters offer 9 different built-in filters allowing users to create video with a variety of professional cinematic looks
- Native 24p Mode records 24 progressive frames per second for the ultimate cinematic experience



HD CMOS Pro Image Sensor

Blurring the line between consumer and professional, the VIXIA HF G10 features the same superb Canon HD CMOS Pro Image Sensor found in Canon professional camcorders, ensuring outstanding resolution, superb low-light capability and wide dynamic range. High definition images, as a result, are spectacular with incredible detail and reduced noise even in dim lighting. The Genuine Canon 10x HD Video Lens covers a wide angle of view for superior versatility, and its 8-Blade Iris ensures smooth, professional-looking backgrounds. Numerous advanced functions provide exceptional shooting control, all in a compact and lightweight design.

NEW



VIXIA HF G10

10x	32GB	SD
Optical Zoom	Internal Memory	2 Card Slots

FEATURES

HD Video Lens	HD CMOS Pro	DIGIC DV III	Dynamic SuperRange OIS
Powered IS	Instant AF	24Mbps Recording	3.5" Touch Panel LCD
Smart Auto	Touch & Track	Face Detection	SDXC Memory Compatible
Relay Recording	Native 24p Mode	24p	30p Progressive
Cinema-Look Filters	Story Creator	Tele Macro	Advanced Video Snapshot
HD-to-SD Down-conversion	Eye-Fi SD Memory Compatible	Mini Advanced Acc Shoe	5.1-Channel Surround Sound*
Wireless Microphone	Viewfinder	Automatic Attenuator	Custom Key and Dial
Intelligent Li-Ion Batteries	HDMI	Microphone Terminal	Pict Bridge
Video Editing Software	Still Image Software		

KIT CONTENTS



VIXIA HF G10 kit contents shown

- VIXIA HF G10
- Lens Hood
- Battery Pack BP-808
- Compact Power Adapter CA-570
- Wireless Controller WL-D89
- Stylus Pen
- USB Cable IFC-300PCU
- Stereo Video Cable STV-250N
- Mini HDMI Cable HTC-100/S
- Pixela Video Browser Software Disc
- Pixela Transfer Utility Disc
- Photo Applications/Music Disc

VIXIA HFS30

Impeccable HD Video and Photos

- Records crisp high definition video to a 32GB internal flash drive or directly to 2 SDXC-compatible memory card slots for fast and easy sharing of your memories
- Genuine Canon 10x HD Video Lens delivers unsurpassed image quality and a smooth background for professional-looking results
- Canon 8.59-megapixel Full HD CMOS Image Sensor captures video at 1920 x 1080 resolution and 8.0 megapixel photos with astonishing detail
- 3.5-inch High Resolution Touch Panel LCD offers fast and easy operation and exceptional detail on a stunning 922,000 dot screen
- Color viewfinder provides easy viewing in bright outdoor conditions
- Dynamic SuperRange OIS corrects a full range of motion and provides added compensation at wide-angle settings to eliminate camera shake when walking
- Native 24p Mode records 24 progressive frames per second for the ultimate cinematic experience
- Smart Auto makes shooting great video easy by automatically selecting the best setting for any scene



3.5-inch High Resolution Touch Panel LCD

Endowed with state-of-the-art Canon imaging technologies, the VIXIA HF S30 enables you to capture both HD video and photos of astonishing quality. Highly detailed images with lifelike color are assured with the Canon 8.59-megapixel Full HD CMOS sensor. Providing ultra-clear images, the large 3.5-inch High Resolution (922,000 dot) Touch Panel LCD enables you to use Touch & Track to achieve precise focus and exposure on any chosen subject. The color viewfinder enables accurate framing even in bright sunlight. Native 24p Mode captures the look of film for cinematic effect, while 5.1-channel Surround Sound* recording capability enhances your experience.

NEW



VIXIA HF S30

10x	32GB	SD
Optical Zoom	Internal Memory	2 Card Slots

FEATURES

HD Video Lens	Full HD CMOS	DIGIC DV III	Dynamic SuperRange OIS
Powered IS	Instant AF	24Mbps Recording	3.5" Touch Panel LCD
Smart Auto	Touch & Track	Face Detection	SDXC Memory Compatible
Relay Recording	Native 24p Mode	24p	30p Progressive
Advanced Video Snapshot	HD-to-SD Down-conversion	Eye-Fi SD Memory Compatible	Mini Advanced Acc Shoe
5.1-Channel Surround Sound*	Viewfinder	Automatic Attenuator	Custom Key and Dial
Intelligent Li-Ion Batteries	HDMI	Microphone Terminal	Pict Bridge
Video Editing Software	Still Image Software		

KIT CONTENTS



VIXIA HF S30 kit contents shown

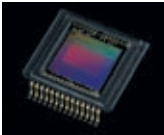
- VIXIA HF S30
- Battery Pack BP-808
- Compact Power Adapter CA-570
- Wireless Controller WL-D89
- USB Cable IFC-400PCU
- Stereo Video Cable STV-250N
- Component Cable CTC-100/S
- Pixela Video Browser Software Disc
- Pixela Transfer Utility Disc
- Photo Applications/Music Disc



VIXIA HF M41 | HF M40 | HF M400

Extraordinary HD in the Palm of Your Hand

- Records crisp high definition video to a 32GB (VIXIA HF M41)/16GB (VIXIA HF M40) internal flash drive or directly to 2 SDXC-compatible memory card slots (VIXIA HF M400: 2 SDXC-compatible memory card slots only)
- Genuine Canon 10x HD Video Lens delivers unsurpassed, professional-looking image quality
- Canon HD CMOS Pro Image Sensor is a professional-level 1/3-inch native 1920 x 1080 image sensor that delivers outstanding video resolution, superb low-light performance and a wide dynamic range
- 3.0-inch Touch Panel LCD puts fast and easy control over a variety of camcorder functions at your fingertips
- Color viewfinder provides easy viewing in bright outdoor conditions (VIXIA HF M41 only)
- Instant AF for fast, accurate autofocus required for high definition
- Cinema-Look Filters offer 9 different built-in filters that can be used to create video with a variety of professional cinematic looks
- Tele Macro provides spectacular close-ups and the appearance of shallow depth-of-field



HD CMOS Pro Image Sensor

The VIXIA HF M-Series employs the Canon HD CMOS Pro Image Sensor to deliver outstanding video image resolution and tonal subtleties, even when shooting in low light. Canon packs advanced technologies into a compact, lightweight camcorder, with simple operation via a 3.0-inch Touch Panel LCD. You can even shoot underwater (down to 130 feet) with the optional WP-V3 Waterproof Case. Take advantage of unique features, such as Cinema-Look Filters and Story Creator to give your videos the professional's touch.

FEATURES

HD Video Lens	HD CMOS Pro	DIGIC DV III	Dynamic SuperRange OIS
Powered IS	Instant AF	24Mbps Recording	3.0" Touch Panel LCD
Smart Auto	Touch & Track	Face Detection	SDXC Memory Compatible
Relay Recording	24p Cinema Mode	30p Progressive	Cinema-Look Filters
Story Creator	Tele Macro	Touch Decoration	Advanced Video Snapshot
HD-to-SD Down Conversion†	Eye-Fi SD Memory Compatible	Mini Advanced Acc. Shoe	5.1-Channel Surround Sound**
WP-V3 Compatible	Wireless Microphone	*** Viewfinder	Intelligent Li-Ion Batteries
HDMI	Microphone Terminal	Pict Bridge	Video Editing Software
Still Image Software			

KIT CONTENTS



VIXIA HF M41 kit contents shown

- VIXIA HF M41/HF M40/HF M400
- Battery Pack BP-808
- Compact Power Adapter CA-570
- Wireless Controller WL-D89
- Stylus Pen
- USB Cable IFC-400PCU
- Stereo Video Cable STV-250N
- Mini HDMI Cable HTC-100/S
- Pixela Video Browser Software Disc
- Pixela Transfer Utility Disc
- Photo Applications/Music Disc

VIXIA HF M41

10x	32GB	SD
Optical Zoom	Internal Memory	2 Card Slots



NEW



VIXIA HF M40

10x	16GB	SD
Optical Zoom	Internal Memory	2 Card Slots



NEW



VIXIA HF M400

10x	SD
Optical Zoom	2 Card Slots



VIXIA HFR21 | HFR20 | HFR200

Sophisticated HD Video Made Easy

- Records crisp high definition video to a 32GB (VIXIA HF R21)/8GB (VIXIA HF R20) internal flash drive or directly to 2 SDXC-compatible memory card slots (VIXIA HF R200: 2 SDXC-compatible memory card slots only)
- Genuine Canon HD Video Lens with 28x Advanced Zoom gets you closer and wider, while preserving HD image quality
- Canon 3.2-megapixel Full HD CMOS Image Sensor captures video at 1920 x 1080 resolution with astonishing detail
- 3.0-inch Touch Panel LCD puts fast and easy control over a variety of camcorder functions at your fingertips
- 24Mbps Recording offers the highest bit rate in AVCHD for exceptionally lifelike tone and detail
- 1080p Output delivers high quality 1080p video through the camcorder's HDMI terminal
- Touch Decoration allows you to superimpose and record a variety of fun and exciting images along with your video



3.0-inch Touch Panel LCD

VIXIA HF R-Series camcorders bring you sophisticated Canon HD video technology with one-touch simplicity. Amazingly compact and lightweight, these camcorders feature 28x Advanced Zoom, which extends zoom range without compromising image quality. 24Mbps Recording assures superb video quality with excellent image detail. You can easily control useful camcorder functions via the 3.0-inch Touch Panel LCD. And with dual SDXC-compatible memory card slots for extended recording time, you can have fun shooting high-quality HD video wherever you go, secure in the knowledge that your memories will be preserved safely and reliably.

FEATURES

HD Video Lens	Full HD CMOS	DIGIC DV III	Dynamic IS
24Mbps Recording	3.0" Touch Panel LCD	Smart Auto	Touch & Track
Face Detection	SDXC Memory Compatible	Relay Recording	24p Cinema Mode
30p Progressive	Tele Macro	Touch Decoration	Advanced Video Snapshot
HD-to-SD Down-conversion	Eye-Fi SD Memory Compatible	Intelligent Li-Ion Batteries	HDMI
Microphone Terminal	Pict Bridge	Video Editing Software	Still Image Software

KIT CONTENTS



VIXIA HF R21 kit contents shown

- VIXIA HF R21/HF R20/HF R200
- Battery Pack BP-110
- Compact Power Adapter CA-110
- Stylus Pen
- USB Cable IFC-400PCU
- Stereo Video Cable STV-250N
- Mini HDMI Cable HTC-100/S
- Pixela Video Browser Software Disc
- Pixela Transfer Utility Disc
- Photo Applications/Music Disc

NEW



VIXIA HF R20

28x Advanced Zoom	8GB Internal Memory	SD 2 Card Slots
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NEW



VIXIA HF R200

28x Advanced Zoom	SD 2 Card Slots
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NEW



VIXIA HF R21

28x Advanced Zoom	32GB Internal Memory	SD 2 Card Slots
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Three Advanced Technologies. One Brilliant Image.

Breathtaking realism, vivid and accurate color, stunning contrast and clarity. Your high definition video deserves it all, and Canon delivers. Canon's unparalleled image quality comes from a masterful blend of vital elements: Canon's HD Video Lens, Canon's exclusive Full HD CMOS Image Sensor and Canon's proprietary DIGIC DV III Image Processor.

SHOOT. CAPTURE. SEE. BE HD.



EOS

PowerShot

VIXIA HD



STANDARD DEFINITION

FS40 | FS400

The Flash of Brilliance

- Records video directly to an 8GB internal flash drive (FS40 only) or directly to an SDXC-compatible memory card slot for fast and easy sharing of your memories
- Genuine Canon 41x Advanced Zoom gets you closer and wider, while preserving image quality
- Canon DIGIC DV II Image Processor provides stunning color and clarity for video
- Advanced Video Snapshot allows you to create a series of 2, 4 or 8 second video clips with music that are perfect for sharing
- Eye-Fi SD Memory Card compatibility allows you to wirelessly transfer video and photos to your computer or the web
- Widescreen HR Recording for high resolution playback on your 16:9 widescreen TV



DIGIC DV II Image Processor

With a powerful Genuine Canon 41x Advanced Zoom system to seamlessly zoom both wide and long, the FS40 and FS400 Flash Memory camcorders are affordable fun. Compact and lightweight, they have easy-to-use, go-anywhere convenience while capturing video with beautiful clarity and color, thanks to advanced Canon technology. Eye-Fi SD Memory Card compatibility lets you wirelessly transfer video to your computer or the web with ease, so you can share your memories as soon as you capture them.

FEATURES

DIGIC DV II	Advanced Zoom	Dynamic IS	Advanced Video Snapshot
SDXC Memory Compatible	Eye-Fi SD Memory Compatible	Quick Start	Widescreen HR Recording
Quick Charge	Intelligent Li-Ion Batteries	2.7" Widescreen LCD	Built-in Video Light
Pre-Record	Pict Bridge	Video Editing Software	

KIT CONTENTS



FS40 kit contents shown

- FS40/FS400
- Battery Pack BP-808
- Compact Power Adapter CA-570
- USB Cable IFC-400PCU
- Stereo Video Cable STV-250N
- Pixela Video Browser Software Disc
- Pixela Transfer Utility Disc
- Music Disc

NEW



Red



Silver

NEW



FS40

41x Advanced Zoom	8GB Internal Memory	SD Card Slot
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Blue

FS400

41x Advanced Zoom	SD Card Slot
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FLASH
MEMORY

STANDARD DEFINITION

WP-V3

High Definition Underwater Video

- Add exciting underwater capability to Canon VIXIA HF M41, VIXIA HF M40, and VIXIA HF M400 Flash Memory camcorders
- Provides waterproof protection down to 130 feet/40 meters
- Compact and lightweight design
- Buttons provide easy, accurate operation and control

Preserve every amazing discovery on your diving and snorkeling adventures! Canon's WP-V3 Waterproof Case makes it easy to capture vivid, high definition video under water. Compact and lightweight, it's a snap to pack on any trip. The WP-V3 makes your VIXIA HF M41, VIXIA HF M40 and VIXIA HF M400 waterproof all the way to 130 feet (40 meters) below the surface.



**WATERPROOF
CASE**
UNDERWATER

**CAPTURE ALL THE
WONDERS OF THE OCEAN**



Capture the sea's vibrant color and amazing clarity in stunning high definition.



Record the delicate details of reef life with ultra precision.

WM-V1

Wireless Audio Capture Made Simple

- Add wireless audio capture to Canon XA10, VIXIA HF G10, VIXIA HF M41, VIXIA HF M40, VIXIA HF M400, VIXIA HF R21, VIXIA HF R20 and VIXIA HF R200 Flash Memory camcorders
- Range up to 164 feet/50 meters
- Bluetooth Version 2.0 technology
- Consists of a wireless receiver and transmitter
- Built-in transceiver allows easy two-way communication



WM-V1 Kit

Consisting of receiver and microphone units, the WM-V1 wireless microphone improves the quality of the sound you record with your compatible VIXIA camcorder. By placing a microphone on your subject, speech is captured more clearly, with much less background noise. Additionally, when earphones are connected at both ends, conversations can be held between the camcorder operator and the subject.

NEW



**WIRELESS
MICROPHONE**
MICROPHONE

**CAPTURE WIRELESS
AUDIO WITH EASE**



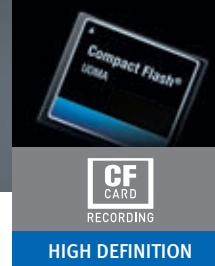
Sound can be recorded from subjects up to 164 feet away.



Conversations can be held between the operator and the subject. Sound on the camcorder microphone can be mixed into the recording.



Professional Camcorders



XF305

A Revolution in High Definition

- File-based recording: MPEG-2 4:2:2 50Mbps codec (Canon XF Codec) to Compact Flash (CF) cards (dual slots)
- Genuine Canon 18x HD L-series Lens
- 3 Canon native 1920 x 1080 CMOS Image Sensors
- Canon DIGIC DV III Image Processor
- SuperRange Optical Image Stabilization system with Dynamic and Powered modes
- Multiple recording bit rates, resolutions and variable frame rates
- Industry standard HD-SDI output, genlock and SMPTE time code terminals
- Large 4.0-inch 1.23-megapixel LCD and High Resolution 1.55-megapixel EVF
- Fully Customizable image, operation and display adjustments
- Onboard waveform monitor and vectorscope; 2 XLR terminals with independent audio level control



XF300

High Definition Delivered

- File-based recording: MPEG-2 4:2:2 50Mbps codec (Canon XF Codec) to Compact Flash (CF) cards (dual slots)
- Genuine Canon 18x HD L-series Lens
- 3 Canon native 1920 x 1080 CMOS Image Sensors
- Canon DIGIC DV III Image Processor
- SuperRange Optical Image Stabilization system with Dynamic and Powered modes
- Multiple recording bit rates, resolutions and variable frame rates
- Large 4.0-inch 1.23-megapixel LCD and High Resolution 1.55-megapixel EVF
- Fully Customizable image, operation and display adjustments
- Onboard waveform monitor and vectorscope; 2 XLR terminals with independent audio level control



Professional Camcorders

XF105

High Definition Comes of Age

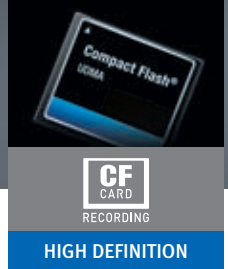
- Compact, lightweight design for extreme portability and usability
- File-based recording: MPEG-2 4:2:2 50Mbps codec (Canon XF Codec) to Compact Flash (CF) cards (dual slots)
- Genuine Canon 10x HD Video lens
- Canon native 1920 x 1080 CMOS Image Sensor
- Canon DIGIC DV III Image Processor
- SuperRange Optical Image Stabilization system with Dynamic and Powered modes
- Supports 3D and Infrared shooting
- Multiple recording bit rates, resolutions and variable frame rates
- Industry standard HD-SDI output and genlock/SMPTE time code terminals
- Large 3.5-inch 920,000 dot LCD monitor and EVF
- Fully customizable image, operation and display adjustments
- Onboard waveform monitor ensures accurate exposure during capture
- 2 built-in XLR terminals with independent audio level control



XF100

Superb High Definition Performance

- Compact, lightweight design for extreme portability and usability
- File-based recording: MPEG-2 4:2:2 50Mbps codec (Canon XF Codec) to Compact Flash (CF) cards (dual slots)
- Genuine Canon 10x HD Video lens
- Canon native 1920 x 1080 CMOS Image Sensor
- Canon DIGIC DV III Image Processor
- SuperRange Optical Image Stabilization system with Dynamic and Powered modes
- Supports 3D and Infrared shooting
- Multiple recording bit rates, resolutions and variable frame rates
- Large 3.5-inch 920,000 dot LCD monitor and EVF
- Fully customizable image, operation and display adjustments
- Onboard waveform monitor ensures accurate exposure during capture
- 2 built-in XLR terminals with independent audio level control



XF Series Professional Camcorder Technology

GENUINE CANON HD ZOOM LENSES

The XF305 and XF300 feature a superb Canon 18x HD L-series video lens capable of delivering 1,000 TV lines of resolution. With a 35mm-equivalent zoom range of 29.3 – 527.4mm, it covers everything from wide-angle to super-



telephoto with exemplary sharpness and clarity. As with world-renowned Canon EF L-series camera lenses, this HD L-series lens incorporates High-Index-Ultra-Low Dispersion

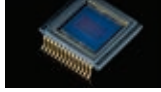
(HI-UD), UD and aspherical lens elements to capture high-resolution video with absolutely minimal chromatic aberration. Mechanical end stops for both zoom and focus systems assure precise and predictable lens operation, while distance indicators on the lens barrel make it easy to set and repeat focus points while recording.

The XF105 and XF100 camcorders feature a meticulously engineered Canon 10x HD Video lens with a versatile 35mm-equivalent range of 30.4 – 304mm. Close-focusing capability (to 60cm) is maintained throughout the entire zoom range, and a maximum aperture of f/1.8 enhances video capture capability in low-light conditions.

The XF Series uses the latest Canon SuperRange Optical Image Stabilizer (OIS) system, which ensures effective correction for camera shake and jitter over the widest range of shooting situations. Powered mode improves vibration suppression at telephoto focal lengths where camera shake is magnified, and Dynamic mode stabilizes the image when walking and shooting handheld.

NATIVE 1920 X 1080 CANON CMOS IMAGE SENSORS

Engineered and manufactured entirely by Canon, the CMOS image sensors employed in the XF Series camcorders feature native 1920 x 1080 resolution to ensure Full HD video recording with wide dynamic range and low noise. The 1/3-inch sensor size enables a compact lens and body design for greater shooting versatility.



The XF305 and XF300 use three CMOS image sensors for optimal color purity and accuracy.



DIGIC DV III IMAGE PROCESSOR



The next-generation Canon DIGIC DV III Image Processor employs powerful algorithms to deliver superlative camcorder performance. Colors are lifelike with excellent black reproduction. Tonal gradations and shadow detail are captured with remarkable accuracy. Proprietary Canon Face Detection technology delivers unrivaled AF performance. The highly efficient processing, moreover, minimizes power consumption, delivering longer battery life.



MPEG-2 4:2:2 50MBPS CODEC

The XF Series camcorders deliver exceptional image quality using the state-of-the-art Canon XF Codec, which captures Full HD (1920 x 1080) at a maximum constant bit rate of 50Mbps with 4:2:2 color sampling and industry-standard MPEG-2 compression. 4:2:2 sampling delivers twice the color resolution of HDV and other 4:2:0 codecs, thus ensuring ultra-fine tonal transitions through post-production processes. The 50Mbps bit rate provides the high bandwidth needed to deliver superior color rendition and image detail. Reliable and versatile MPEG-2 compression assures the widest compatibility with professional editing and processing software, including those from Adobe, Apple, Avid and Grass Valley. The XF Series uses MXF (Material Exchange Format), an internationally recognized standard container format that enables video, audio and important metadata to be wrapped into a single file. MXF assures the highest production compatibility and maintains access to critical acquisition information throughout the workflows found in today's high-end network and studio systems.

COMPACT FLASH CARD RECORDING

XF Series camcorders record on non-proprietary CF cards. In addition to their rugged, solid-state construction and the speed and ease with which files can be transferred to computers, CF cards represent a significant cost savings. The XF Series cameras have two hot-swappable CF card slots, enabling relay recording, copying and backup.



Professional Camcorders

High Definition Camcorders

XHG1S

Your Vision...in High Definition

- High Definition handheld HDV Camcorder
- Genuine Canon 20x High Definition L-series Zoom Lens
- Three 1/3-inch native 16:9 CCD Image Sensors with 1.67-megapixels (1440 x 1080)
- True 1080 HD Capture with a choice of 60i, 30p or 24p frame rates
- Canon DIGIC DV II Image Processor delivers the highest image quality
- SuperRange Optical Image Stabilizer can correct a wide range of movements without image degradation
- Instant AF dramatically reduces focusing time and increases accuracy
- HD-SDI (SMPTE 299M)/SD-SDI (SMPTE 272M) output with embedded audio and time code and 24F 2:3 pulldown flags, genlock input, SMPTE time code input/output



XHA1S

Capture the Moment as It Happens

- High Definition handheld HDV Camcorder
- Genuine Canon 20x High Definition L-series Zoom Lens
- Three 1/3-inch native 16:9 CCD Image Sensors with 1.67-megapixels (1440 x 1080)
- True 1080 HD Capture with a choice of 60i, 30p or 24p frame rates
- Canon DIGIC DV II Image Processor delivers the highest image quality
- SuperRange Optical Image Stabilizer can correct a wide range of movements without image degradation
- Instant AF dramatically reduces focusing time and increases accuracy



Standard Definition Camcorder

GL2

Create Your Vision

- Standard Definition handheld DV Camcorder
- Genuine Canon 20x Professional L-series Fluorite Lens
- Three 1/4-inch CCD Image Sensors
- Optical Image Stabilizer corrects camera shake instantly while maintaining the integrity of the image
- 1.7-megapixel Photos



High Definition Camcorder

XA10

Ultraportable Pro HD Performance



- Ultra-compact and lightweight
- Records Full HD video to a 64GB internal flash drive or directly to 2 SDXC-compatible memory card slots
- Genuine Canon 10x HD Video Lens
- Canon 1/3-inch native 1920 x 1080 CMOS Image Sensor
- 24Mbps Recording – the highest bit rate in AVCHD
- Canon DIGIC DV III Image Processor
- Variable frame rates: 60i, 30p, 24p and Native 24p
- SuperRange Optical Image Stabilization system with Dynamic and Powered modes
- Supports infrared shooting
- 2 built-in XLR terminals with independent audio level control
- Professional Shooting Assist Functions, including enhanced zebra pattern, color peaking, Custom Key and Dial and color bars
- 3.5-inch 922,000 dot Touch Panel LCD monitor and EVF



Canon Professional Services (CPS) provides significant benefits to its members. Silver, Gold and Platinum level memberships are available to individual full-time working professionals who use Canon equipment. CPS offers to qualifying members (dependent on membership level) 24x7 hotline phone support, expedited and discounted service and repairs, service loaners, equipment evaluation loans, equipment cleaning services, on-site event and show support, discounts on Canon Live Learning events and more.

CPS is a streamlined access point for unrivaled service and support. Whether by telephone, in person or via e-mail, CPS simply makes it faster and easier for professional image makers to get the help they need.

Find out more at usa.canon.com/cps

Canon Digital Cameras

With Canon HD video, take your images beyond the still. Select Canon EOS and PowerShot digital cameras combine the epitome of photographic and video technology, making them all-around image capturing tools. For those seeking the ultimate in photo and HD video quality, Canon EOS digital SLR cameras utilize CMOS Image Sensors and DiGiC 4 Image Processors to deliver the breathtaking detail and riveting color reproduction you demand.

EOS 5D Mark II

High Performance for High Expectation.

- 21.1 Megapixel Full-Frame CMOS sensor, 14-bit A/D conversion, wide range ISO setting 100 – 6400 (expandable L: 50, H1: 12800 and H2: 25600).
- Full HD Video capture at 1920 x 1080 resolution for up to 4GB per clip with HDMI output for HD viewing of stills and video.
- 30 fps (29.97) video capture at Full HD in 1920 x 1080 or 4:3 TV in 640 x 480 (SD).



EOS 7D

Beyond the Still.

- 18.0 Megapixel CMOS sensor and Dual DiGiC 4 Image Processors for high image quality and speed.
- Advanced movie mode with manual exposure control and selectable frame rates: 1920 x 1080 (Full HD): 30p (29.97) / 24p (23.976) / 25p, 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 60p (59.94) / 50p.



EOS 60D

An EOS with Perspective.

- 18.0 Megapixel CMOS sensor and DIGIC 4 Imaging Processor for high image quality and speed.
- Vari-angle 3.0-inch Clear View LCD monitor for shooting at low angles and 1,040,000-dot VGA with reflection reduction using multi coating and high-transparency materials for bright and clear viewing.
- Improved EOS HD Video mode with manual exposure control, expanded recording, Movie Crop recording in 640 x 480, sound recording level adjustment and an external microphone IN terminal for access to improved sound quality.



EOS REBEL T2i

The Evolution Continues.

- 18.0 Megapixel CMOS (APS-C) sensor and DiGiC 4 Image Processor.
- Improved EOS Movie mode with manual exposure control and selectable frame rates: 1920 x 1080 (Full HD): 30p (29.97) / 24p (23.976) / 25p, 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 60p (59.94) / 50p.



PowerShot G12 DIGITAL CAMERA

Let the G Series Inspire You.

- 10.0 Megapixel sensor combined with the DiGiC 4 Image Processor create Canon's HS SYSTEM for improved low light performance and better image quality.
- Shoot beautiful 720p HD video in stereo sound and play back on an HDTV via the HDMI output.
- Large, bright 2.8-inch Vari-angle LCD with 461,000 dots for shooting at a variety of angles, plus an optical viewfinder.



PowerShot S95 DIGITAL CAMERA

The Upgrade You've Been Waiting For.

- 10.0 Megapixel sensor combined with the DiGiC 4 Image Processor create Canon's HS SYSTEM for improved low light performance and better image quality.
- Shoot beautiful 720p HD video in stereo sound and play back on an HDTV via the HDMI output.
- A bright f/2.0 lens, great for shooting portrait photography in low light conditions or using a shallow depth-of-field for great images with beautiful soft backgrounds.
- Utilizes Canon's Hybrid IS to compensate for angular and shift camera shake during close-up shooting.



PowerShot SD4500 IS DIGITAL ELPH

Sophisticated Powerhouse.

- 10x Optical Zoom in a slim, stylish camera body. You are never too far away from that perfect shot!
- 10.0 Megapixel back-illuminated CMOS sensor combined with the DiGiC 4 Image Processor create Canon's HS SYSTEM for improved low light performance and better image quality.
- Full HD (1920 x 1080 pixels at 24 fps) video mode plus HDMI output for easy playback of videos and photos on your HDTV.



PowerShot A3300 IS DIGITAL CAMERA

HD Video Comes to the A-Series.

- Easy to use, powerful camera has 16.0 Megapixels with a 5x Wide-Angle Optical Zoom (28mm wide) and Optical Image Stabilizer for capturing great images in a snap!
- Capture memories your way as either still images or in 720p HD video.
- Smart AUTO intelligently selects the proper settings for the camera based on 32 predefined shooting situations.

NEW



Visit usa.canon.com/camera to see the full lineup of Canon digital cameras.

Entrust Your HD Vision to Canon Quality

Breathtaking realism, vivid and accurate color, stunning contrast and clarity. Your high definition video deserves it all, and Canon delivers. Canon's unparalleled image quality comes from a masterful blend of vital elements: Canon's legendary HD Video Lens, Canon's exclusive Full HD CMOS Image Sensor and Canon's proprietary DIGIC DV III Image Processor.



HD Video Lens

CANON HD VIDEO LENS

Experience the superb quality of Genuine Canon Optics

The Canon name is synonymous with optical excellence. More than seven decades of manufacturing lenses for professional broadcast and photography have given Canon superiority in its optical products, and a legendary reputation among professional videographers and photographers. Every Canon camcorder is equipped with a Genuine Canon Video Lens. And our high definition video lenses use an aspherical lens to achieve low chromatic aberration with high resolution, and use super spectra coating technology to lower flare and ghosting. A gradation Neutral Density system allows better exposure in bright shooting situations.



CANON DIGIC DV IMAGE PROCESSORS

Advanced technology delivers exceptional clarity



DIGIC DV Image Processors have long been at the heart of Canon imaging excellence, providing exceptional color and clarity to both video and photos. The latest and most advanced Canon HD image processor, DIGIC DV III, takes HD video to an unparalleled level of quality. DIGIC DV III delivers stunningly realistic color reproduction and sophisticated noise reduction for exceptional low-light performance. It is also the high-speed engine that powers a variety of Canon technologies including 8.0-megapixel photo capture, Smart Auto, Touch & Track, Genuine Canon Face Detection and Cinema-Look Filters.



CANON HD CMOS PRO IMAGE SENSOR

Shoot High Definition with the professional's edge



Select VIXIA camcorders feature the Canon HD CMOS Pro Image Sensor, a 1/3-inch native 1920 x 1080 image sensor that incorporates the same proven technology at the heart of Canon's pro-grade camcorders. The HD CMOS Pro Image Sensor defies convention: using fewer pixels than typical consumer camcorder sensors, it delivers far superior video performance.



OUTSTANDING VIDEO RESOLUTION

(800 Vertical and 900 Horizontal TV Lines)

The effective number of pixels in the HD CMOS Pro Image Sensor is exactly equal to 1920 x 1080, the resolution of Full High Definition video. Because there is no need to resize the image captured by the sensor, Full HD video is recorded with the utmost precision, resulting in exceptionally high resolution.



SUPERB LOW-LIGHT PERFORMANCE (1.5 Lux*)

Because the pixel dimensions are precisely those needed to capture Full HD, each pixel site is larger and more sensitive to light. This results in far greater light gathering capability, enabling high-quality video to be captured even in dim lighting.



WIDE DYNAMIC RANGE

The larger pixel area also enables more light to be stored, making it possible to detect and capture a wider range of tonal values. The sensor design yields an improvement in dynamic range, enabling both highlights and shadows to be reproduced with remarkable accuracy and depth. Skin tones are captured with fine gradation.



DYNAMIC SUPERRANGE OPTICAL IMAGE STABILIZER WITH POWERED IS
Sharp, steady video at all focal lengths



Dynamic SuperRange OIS delivers the ultimate in shake correction, providing continuous adjustment throughout the entire zoom range to correct a broad range of motion. Extra compensation is applied at wide-angle focal lengths to help eliminate unwanted vibration common when walking. In addition to this technology is a new Powered IS system, which provides an even higher level of compensation for subtle hand movement at the telephoto end of the zoom range. Powered IS can be engaged by pressing or holding the Powered IS button on the Touch Panel LCD.

Wide-Angle Focal Lengths



Dynamic SuperRange OIS — Provides continuous adjustment throughout the entire zoom range and extra compensation at wide-angle focal lengths.



Dynamic SuperRange OIS OFF

Telephoto Focal Lengths



Powered IS — Provides maximum shake correction at telephoto focal lengths with the push of a button.



Powered IS OFF



INSTANT AUTOFOCUS
The fast, sharp focus HD demands



Sharp focus is crucial when shooting high definition video. Canon's proprietary Instant Autofocus system delivers fast, accurate focus, even when you're shooting in bright light, at night, or with the camera in motion. The revolutionary hybrid system combines an external sensor with Canon's proven high-performance AF system to dramatically decrease focusing time and helps ensure consistently sharp video.

HOW IT WORKS

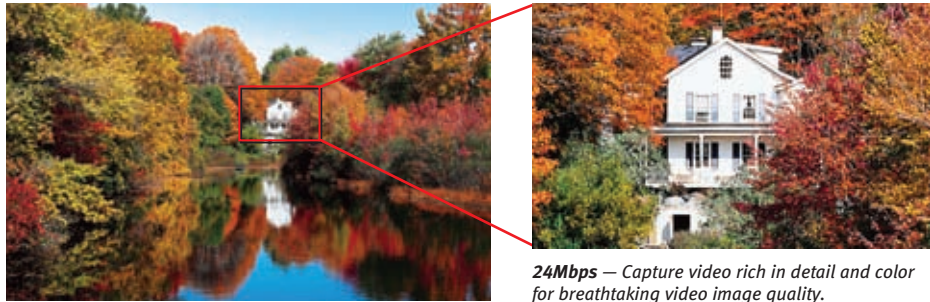
- 1 First, phase difference detection (with the external sensor) is used to calculate the distance to the subject and the lens is quickly moved.
- 2 Next, the focus is accurately aligned with Canon's TTL-AF method (using the CMOS Image Sensor).



24MBPS
Experience the ultimate in HD image quality



24Mbps Recording offers the highest bit rate in the AVCHD standard. The result is enhanced detail, finer tonal gradation and improved reproduction of moving subjects.



24Mbps — Capture video rich in detail and color for breathtaking video image quality.

Canon Digital Video Technology



Touch Panel

TOUCH PANEL LCD SCREEN

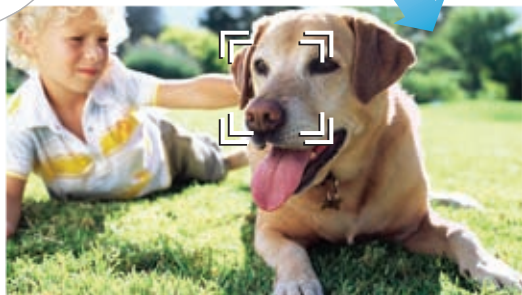
Canon's Touch Panel LCD Screen offers easy menu navigation and quick control over a variety of camcorder functions — such as scene selection, Genuine Canon Face Selection and Touch & Track — right at your fingertips. For the ultimate viewing experience, Canon's 3.5-inch High Resolution Touch Panel LCD Screen offers the added benefit of a large expansive area and a resolution of 922,000 dots, delivering exceptional detail and brilliant color.



Touch Panel — Easy menu navigation and quick control right at your fingertips.



Touch & Track — Allows any subject to be the focal point of your video by simply selecting it on the Touch Panel LCD.



TOUCH & TRACK

Touch & Track allows any subject (pets, vehicles, etc.) to be the focal point of your video simply by selecting it on the Touch Panel LCD. It allows you to continuously track while automatically adjusting focus and exposure on the selected subject. You can also choose to adjust focus or exposure independently by turning off Touch & Track, and turning on Touch Focus or Touch Exposure.



Touch Focus — The touched location is brought quickly into focus.



Smart Auto — Delivers optimal processing for beautiful images and exceptional results.



Without Smart Auto



With Smart Auto



With Smart Auto



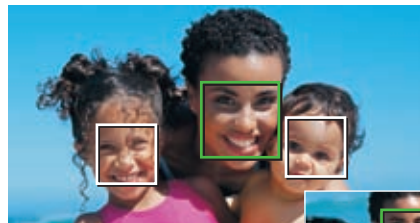
SMART AUTO

Smart Auto makes shooting great video easier than ever before. Using the power of Canon's DIGIC DV III Image Processor, the camcorder intelligently detects and analyzes faces, brightness, color, distance and movement, then automatically selects the best settings for the scene. Whether you are capturing a sunset, a day at the beach, or a fast-paced soccer game, Smart Auto delivers exceptionally accurate results.

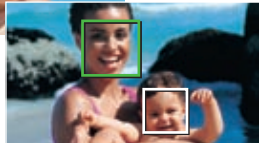


GENUINE CANON FACE DETECTION

The same high quality Face Detection technology used in Canon digital cameras is also available in Canon VIXIA camcorders. Up to 35 faces can automatically be detected, and 9 detection frames can be displayed at one time. The system is so intelligent that it recognizes faces that are turned down or sideways. In addition, a specific face may be selected as the main subject for continuous tracking. The technology enhances auto exposure by compensating to eliminate whiteout or loss of shadow detail. Even playback can be linked to Face Detection, allowing you to access specific scenes based on faces.



Face Detection — A specific face may be selected as the main subject for continuous tracking.



Canon Digital Video Technology



HD-TO-SD DOWNCONVERSION

HD-to-SD Downconversion allows you to convert recorded high definition video to standard definition files while safely preserving the original HD video. These standard definition files make it even more convenient to edit, share video online, or create a DVD. The downconverted video can be transferred to your computer via traditional methods — i.e., USB connection, card slot — or wirelessly to video and photo sharing sites with an Eye-Fi SD memory card.



HD-to-SD Downconversion — Convert recorded high definition video to standard definition video for easy sharing.



For easy burning onto DVD



For easy sharing on the Web



RELAY RECORDING

Once the internal flash drive or SD memory card is full, Relay Recording will automatically continue recording video to the next available memory card.



EYE-FI SD MEMORY CARD COMPATIBLE*

Wirelessly transfer video and photos to your computer or upload them directly to your favorite video and photo sharing sites with Eye-Fi SD memory cards. Simply insert an Eye-Fi SD memory card into your Canon camcorder's SD card slot, configure your computer to select your favorite site (i.e., Facebook, YouTube, Shutterfly, Flickr) and share your memories quickly, easily and with no cables required!

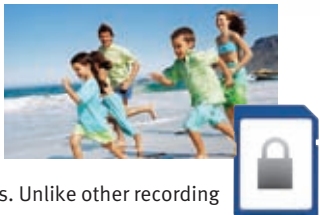


Canon flash memory camcorders allow you to record video and capture photos to an internal flash drive* or directly to removable SD memory cards.

FLASH MEMORY

SAFE AND SECURE

Canon flash memory camcorders record video and capture photos to an internal flash memory drive* or directly to removable SD memory cards. Unlike other recording formats, flash memory technology has no moving parts, reducing the risk of losing your memories if you accidentally jolt or drop your camcorder.



CUTTING-EDGE PERFORMANCE

Canon flash memory camcorders are built to perform. Because they require less power to operate, battery life is extended so you can shoot longer. They also feature fast response times, giving you lightning fast access to all of your video and photos.



COMPACT AND CONVENIENT

Canon flash memory camcorders are compact and lightweight, allowing you to take them anywhere. SD memory cards are readily available and come in a wide variety of capacities. SD memory cards also make it quick and easy to transfer and share your memories with family and friends.




SDXC MEMORY CARD COMPATIBLE

All new Canon VIXIA and FS Series camcorders are now compatible with SDXC memory cards, the newest version of the ultra-compact Secure Digital card, delivering super-high capacity storage and ultra-fast data transfer speeds. Unlike the previous SDHC standard, which has storage capacity ranging from 4GB to 32GB, SDXC increases storage capacity from more than 32GB up to 2TB.




Canon Digital Video Technology



Cinema-Look Filter

CINEMA-LOOK FILTERS

Express your creative vision through distinctive built-in filters. Choose from among nine filters as you record to create video with a variety of professional cinematic looks.





Cinema Standard

Recreates the warm tones and muted highlights of classic film.





Cool

Adds a bluish tint for cool, futuristic-looking scenes.





Dramatic B&W

Creates bold black-and-white movies with high contrast and grain.





Dream

Adds a magical look (soft focus) for dream-like scenes.





Memory

Produces a faded, misty look, such as for flashback scenes.





Nostalgic

Recreates the look of old '70s TV programs.





Old Movie

Gives video the aged look of old cinema.





Sepia

Applies a sepia tint for an antique, faded look.





Vivid

Accentuates primary colors for a bright, cheerful look.



Shooting

With Advanced Video Snapshot, you can create a series of 2, 4, or 8 second video clips during recording and playback.






Playback

Play back the short video with background music.




ADVANCED VIDEO SNAPSHOT

Advanced Video Snapshot allows you to capture the high-lights of a once-in-a-lifetime trip or a family milestone with the same ease as taking photos. Simply record a series of short video clips – or select your favorite clips while in Playback Mode – and blend in your favorite background music to create an exciting video that will hold everyone's attention. Advanced Video Snapshot allows selectable recording times (2, 4, or 8 seconds). Additionally, audio from an external source (i.e., an MP3 player) can be played along with the Snapshot video, and playback can be controlled from that source.



Advanced Video Snapshot –
Play audio from an external source as your favorite background music when viewing your video snapshot file.







Story Creator

STORY CREATOR

Story Creator assists you in the process of producing an organized video with a logical storyline. Choose one of five different themes – Travel, Kids & Pets, Party, Ceremony and Blog – and the camcorder provides a list of suggested scenes to shoot. Each theme has more than 20 scene suggestions. After you've captured your footage, Story Creator helps you categorize and rate your scenes, making it easy to review, select and play back your favorites.






Touch Decoration

TOUCH DECORATION

Use the Touch Panel LCD while shooting to activate Touch Decoration, a novel feature that lets you superimpose and record a variety of fun and exciting images along with your video. Animations (e.g., shooting stars, thought bubbles, etc.), stamps, decorative frames and even freehand drawings (using the supplied stylus) can be added to give your videos a fun and creative flair.



Canon Digital Video Technology



Advanced Zoom



Wide



41x Long

Advanced Zoom — Canon's exclusive Advanced Zoom System gives you the flexibility to shoot wide panoramic shots or to zoom in up to 41x without any loss in image quality.



Advanced Zoom

ADVANCED ZOOM

Now you can capture true widescreen 16:9 video with stunning image quality from any distance — all the way up to 41x. Canon's exclusive Advanced Zoom system combines Genuine Canon Optics with Canon's proprietary DIGIC DV Image Processor to let you seamlessly zoom both wide and long, retaining optical quality throughout the zoom range.



Image Stabilizer

DYNAMIC IS

Canon's newest form of electronic image stabilization, Dynamic IS delivers improved shake correction. It provides continuous adjustment throughout the entire zoom range to correct a broader range of motion. Extra compensation is applied at wide-angle focal lengths to eliminate unwanted vibration common when walking.



5.1-CHANNEL SURROUND SOUND*

For the ultimate home theater experience, 5.1-Channel Surround Sound allows you to capture audio quality that matches the stunning realism of your high definition video. With the optional SM-V1 5.1-Channel Surround Microphone, sound is captured from all directions (five different pickup sensors), so your home videos will look and sound more lifelike than ever before.



AUTOMATIC ATTENUATOR

Automatic Attenuator ensures optimal audio quality when recording in locations where the sound level quickly changes. The camcorder automatically uses the attenuator as needed, preventing high volume distortion (i.e., loud music) and responsively adjusting to capture audio at clean and balanced levels.



Full HD Lens-to-Screen — Record video at Full HD 1920 x 1080 resolution with no loss of detail. Your memories are preserved in stunning clarity and ready for playback on your HDTV.



FULL HD
1920x1080

FULL HD RECORDING (1920 X 1080)

VIXIA High Definition camcorders not only capture images in Full HD, but record and output at 1920 x 1080 as well, so you get Full HD from lens to screen. Because this meticulous level of detail is fully supported by the unmatched quality of Genuine Canon Optics and processing technologies, Canon camcorders offer an HD experience like no other.



HIGH DEFINITION MULTIMEDIA INTERFACE TERMINAL (HDMI)

HDMI uses a single cable to transport a high-definition video signal with audio to your HDTV. The latest version of HDMI supports x.v.Color, which makes it possible to display richer, more accurate color. Select VIXIA camcorders enable you to convert captured 1080i (interlaced) to 1080p (progressive) video for output via the camcorder's HDMI terminal.* 1080p output offers smoother, more natural reproduction of moving objects such as fast-action sports.



TELE MACRO

With Tele Macro, the camcorder automatically zooms the lens to full telephoto and changes the closest focusing to 1.3 feet — the ideal setting for ultra-close-up shooting. Conventional camcorders set the minimum focusing distance to approximately three feet at the telephoto end of the zoom range, making it difficult to use the lens's full magnification power. You can use Tele Macro to capture spectacular close-ups with shallow depth-of-field.



Canon Digital Video Technology



Native 24p Mode — For a professional film look.



24p Cinema Mode — For a classic cinematic effect.



Native Progressive

SELECTABLE FRAME RATES



Native 24p Mode — allows 24 frames per second to be captured and recorded — a big advantage for serious filmmaking work.
24p Cinema Mode* — a combination of two features that can be used independently or together. The first feature offers a video frame rate of 24p, while the second adjusts the color and tonal characteristics to evoke the look and feel of a big-screen movie.
30p Progressive Mode* — once exclusive to pro-level camcorders, this mode delivers clarity to fast-action subjects like news and sports, and is the perfect frame rate for clips intended to be posted on the Web.



Progressive



30p Progressive Mode — Great for fast action subjects.



RGB PRIMARY COLOR FILTER

Both video footage and photos benefit from an RGB Primary Color Filter. The filter separates light into its red, green and blue color components. The resulting images are vibrant with vivid, true-to-life color that takes all your video and photos to the next level.



PROGRAM AE MODE

Program AE Mode automatically optimizes exposure for vastly different conditions and subjects. These modes make it easy to get the best possible image quality and include Program, Portrait, Low Light, Night Scene, Snow, Beach, Surface, Underwater, Sunset, Spotlight and Fireworks.



INTELLIGENT LITHIUM-ION BATTERY

The Intelligent Lithium-ion battery accurately indicates remaining battery time down to the minute. No more guessing about how much recording time you have left.



8.0 MEGA PIXELS STILL IMAGE RECORDING

ADVANCED PHOTO FEATURES

Inside select VIXIA High Definition camcorders lives a Canon digital camera. With resolution up to 8.0-megapixels, photos from your camcorder are beautifully detailed. And Canon's advanced technology makes it easy. 9-point AiAF brings off-center subjects into sharp focus. A built-in flash ensures superior photos indoors and in low light. The histogram display gives you the brightness information you need to make adjustments on successive shots.



Quick Start

QUICK START

Don't miss any more great shots while waiting for your camcorder to power up! Canon's Quick Start feature puts your camcorder in standby mode, considerably reducing power consumption to preserve battery life. Opening the LCD screen powers the camcorder up in under a second, allowing you to capture more great footage.

Quick Start — When the LCD is flipped open, the camcorder is ready to record.



Pre REC

PRE-RECORD

Pre-Record greatly increases your ability to capture the most precious moments before they're gone forever. With the Pre-Record feature, the camcorder actually begins recording three seconds before you press the record button, compensating for the time it takes you to react to a video-worthy moment.



CUSTOM KEY AND DIAL

Assign commonly used functions to the Custom Key button on the camcorder for quick and easy access.



Canon Digital Video Technology



Photo Grab — Canon's Photo Grab feature allows you to “grab” a photo directly from your video footage.

PHOTO GRAB

When you're playing back your video footage and see a frame that would make a great photo, you can “grab” it. Photo Grab is a professional level feature that lets you “grab” a photo from your HD video footage. And select camcorders also offer a Continuous Photo Grab feature, allowing 30 photos from one second of video to be copied. Now, better photos filled with action and expressions are easy to grab, print, post and share.

**PictBridge**

DIRECT PRINTING/PICTBRIDGE
You can print the photos you've captured with your camcorder directly to a printer without using a computer.



Canon photo printers work in tandem with Canon camcorders to optimize print quality. And Canon camcorders also use the PictBridge standard, allowing you to print directly from your camcorder to any PictBridge compatible printer.



PIXMA MG8120
Wireless Inkjet Photo
All-in-One Printer

HIGH DEFINITION PROJECTION



REALiS WUX10 Mark II
LCOS Projector

The REALiS WUX10 Mark II high resolution SXGA+ projector features Canon's exclusive AISYS Optical Engine and LCOS technology, ensuring smooth, film-like quality video. Seamless high definition video leaps off the pages in breathtaking quality with rich color, and crisp blacks with depth and dimension. Whether you're connecting to a computer, camcorder, camera, or USB flash drive, the REALiS WUX10 Mark II contains all the technology needed for superior performance and user-friendly operation.

To learn more about the REALiS WUX10 Mark II, and Canon's line of projectors visit: usa.canon.com/projectors

Approximate Recording Times of SDHC Memory Cards, SDXC Memory Card and Built-In Flash Memory Camcorders

High Definition					
	MXP* High Image Quality Approx. 24 Mbps	FXP* High Image Quality Approx. 17 Mbps	XP+ High Image Quality Approx. 12 Mbps	SP Standard Approx. 7 Mbps	LP Long Play Approx. 5 Mbps
SDHC Memory Cards					
2GB	10 min.	15 min.	20 min.	35 min.	45 min.
4GB	20 min.	30 min.	40 min.	1 hr. 10 min.	1 hr. 30 min.
8GB	40 min.	60 min.	1 hr. 25 min.	2 hr. 20 min.	3 hr.
16GB	1 hr. 25 min.	2 hr. 5 min.	2 hr. 50 min.	4 hr. 45 min.	6 hr. 5 min.
32GB	2 hr. 55 min.	4 hr. 10 min.	5 hr. 45 min.	9 hr. 35 min.	12 hr. 15 min.
SDXC Memory Card					
64GB	5 hr. 55 min.	8 hr. 20 min.	11 hr. 30 min.	19 hr. 10 min.	24 hr. 30 min.
Built-in Flash Memory Camcorders					
VIXIA HF G10 (32GB) VIXIA HF S30/ VIXIA HF M41/ VIXIA HF R21	2 hr. 55 min.	4 hr. 10 min.	5 hr. 45 min.	9 hr. 35 min.	12 hr. 15 min.
VIXIA HF M40 (16GB)	1 hr. 25 min.	2 hr. 5 min.	2 hr. 50 min.	4 hr. 45 min.	6 hr. 5 min.
VIXIA HF R20 (8GB)	40 min.	60 min.	1 hr. 25 min.	2 hr. 20 min.	3 hr.

* MXP and FXP modes record in 1920 x 1080 and require Class 4 or higher SDHC or SDXC card

Standard Definition					
	—	—	XP High Image Quality Approx. 9 Mbps	SP Standard Approx. 6 Mbps	LP Long Play Approx. 3 Mbps
SDHC Memory Cards					
2GB	—	—	25 min.	40 min.	1 hr. 15 min.
4GB	—	—	55 min.	1 hr. 20 min.	2 hr. 35 min.
8GB	—	—	1 hr. 50 min.	2 hr. 45 min.	5 hr. 10 min.
16GB	—	—	3 hr. 40 min.	5 hr. 30 min.	10 hr. 25 min.
32GB	—	—	7 hr. 25 min.	11 hr.	20 hr. 50 min.
SDXC Memory Card					
64GB	—	—	14 hr. 50 min.	22 hr. 5 min.	41 hr. 40 min.
Built-in Flash Memory Camcorders					
FS40 (8GB)	—	—	1 hr. 50 min.	2 hr. 45 min.	5 hr. 10 min.



PIXELA VIDEO BROWSER
(VIXIA HF G10/HF S30/HF M41/HF M40/
HF M400/HF R21/HF R20/HF R200/FS40/FS400)

Video
Editing
Software

Enjoy the flexibility and versatility of your Canon flash memory camcorder with the supplied Pixela Video Browser software. This powerful software lets you organize, enhance and share your video. An easy-to-use application launcher makes it easy to transfer your video to your computer, burn an AVCHD* DVD or standard definition DVD. A sophisticated catalog system keeps all your videos indexed and organized — so you can always find them quickly. Inside Pixela Video Browser lives feature-packed video editing software, allowing you to trim, reorder, or combine scenes. To give your video a professional touch, simply add scene transitions, music and titles. And

when you're finished, burn an AVCHD* DVD, Blu-ray Disc** or standard definition DVD to relive the memories on your TV. A built-in video player allows you to play your AVCHD* DVD, as well as AVCHD* or MPEG2 data files on your computer. For added versatility, Pixela Video Browser can convert your movie to a file format compatible with web video sharing sites. Your video can also be resized for online posting and viewed on portable entertainment devices. And to perfectly complement the Video Snapshot feature found on Canon flash memory camcorders, a music CD containing royalty-free soundtracks is also provided.

42 * High definition footage in the AVCHD format can be copied onto DVD media with included software. However, DVD media containing AVCHD footage should only be used in AVCHD compatible players otherwise the DVD player may fail to eject the media and may erase its contents without warning. ** Blu-ray Disc burner required.



Chesapeake, VA. Home to Canon's Customer Call Center.



Canon has built its reputation as an industry leader in product reliability, service and support. No matter what Canon consumer product you buy, expect a top-rate experience. From our cutting-edge technology to industry-leading response times for service and support, Canon USA strives for complete customer satisfaction in everything we do.

- 100% US-based support operation to assist with the needs of customers ranging from beginner to professional.
- Canon factory-trained technicians to achieve industry-leading response time and quality of repair.
- State-of-the-art technology and facilities to meet Canon's rigorous precision and performance standards.
- Environmentally responsible service operations include our Zero Landfill Product Recycling Policy.



www.usa.canon.com/satisfaction
1-800-OK-CANON

Consumer Camcorder Accessories

	Starter Kits		Cases						LCD Hood		Batteries
	FS Series Camcorder Starter Kit 2740B004	Flash Memory Camcorder Starter Kit 2740B009	Soft Carrying Case SC-2000 9389A001	Professional Video Case SC-A1000 1528V984	Soft Carrying Case SC-A80 1451V097	Soft Carrying Case SC-A75 1528V121	Video Case FC-20 1272V094	Video Case FC-10 1272V093	3.5 Inch LCD Hood 1637V032	2.7 Inch LCD Hood 1574V682	BP-827 3185B002
											
VIXIA HF G10		•	•	•	•	•			•		•
VIXIA HF S30		•	•	•	•	•			•		•
VIXIA HF M41		•	•	•	•	•	•				•
VIXIA HF M40		•	•	•	•	•	•				•
VIXIA HF M400		•	•	•	•	•	•				•
VIXIA HF R21			•	•	•	•		•			
VIXIA HF R20			•	•	•	•		•			
VIXIA HF R200			•	•	•	•		•			
FS40	•	•	•	•	•	•		•		•	
FS400	•	•	•	•	•	•		•		•	
	Batteries			Chargers/Adapters			Chargers/Adapters		Cables		
	BP-819 2589B002	BP-808 2740B002	BP-110 5071B002	CG-800 2590B002	CG-110 5073B002	CA-570 8468A002	CA-110 5072B002	Stereo Video Cable STV-250N 3067A002	HDMI Cable HTC-100 2384B001	Component Video Cable CTC-100 1719B001	
											
VIXIA HF G10	•	•		•		•		•	•	•	
VIXIA HF S30	•	•		•		•		•	•	•	
VIXIA HF M41	•	•		•		•		•	•	•	
VIXIA HF M40	•	•		•		•		•	•	•	
VIXIA HF M400	•	•		•		•		•	•	•	
VIXIA HF R21			•		•		•	•	•	•	
VIXIA HF R20			•		•		•	•	•	•	
VIXIA HF R200			•		•		•	•	•	•	
FS40		•		•		•		•			
FS400		•		•		•		•			






Consumer Camcorder Accessories

	Lenses								Microphones			Waterproof Case
	WD-H58W 4892B001	WD-H58 3572B001	WD-H43 2072B001	WD-H34II 5070B001	TL-H58 3573B001	TL-H43 2071B001	TL-H34II 5069B001	FS-43UII 7150A004	WM-V1 5068B002	SM-V1 4464B001	DM-100 2591B002	WP-V3 5090B002
												
VIXIA HF G10	•				•				•	•	•	
VIXIA HF S30		•			•					•	•	
VIXIA HF M41			•			•		•	•	•	•	•
VIXIA HF M40			•			•		•	•	•	•	•
VIXIA HF M400			•			•		•	•	•	•	•
VIXIA HF R21				•			•		•			
VIXIA HF R20				•			•		•			
VIXIA HF R200				•			•		•			
FS40												
FS400												
	Video Light		Remote Control			Neck Strap		Shoulder Strap		Wrist Strap	Media Case	
	VFL-2 3574B001	VL-5 3186B001	RA-V1 3924B001	ZR-2000 0973B002	ZR-1000 3089A002	NS-10 1272V095	SS-600 3122A001	SS-650 3123A001	WS-20 3118A002	DA-10 1416V114 / 1416V115 (Black) (Maroon)	SW-10 1416V116 / 1416V117 (Black) (Maroon)	
												
VIXIA HF G10	•	•		•	•	•	•	•	•	•	•	
VIXIA HF S30	•	•		•	•	•	•	•	•	•	•	
VIXIA HF M41	•	•	•	•*	•*	•	•	•	•	•	•	
VIXIA HF M40	•	•	•	•*	•*	•	•	•	•	•	•	
VIXIA HF M400	•	•	•	•*	•*	•	•	•	•	•	•	
VIXIA HF R21						•	•	•	•	•	•	
VIXIA HF R20						•	•	•	•	•	•	
VIXIA HF R200						•	•	•	•	•	•	
FS40									•	•	•	
FS400									•	•	•	

Consumer Camcorder Specifications

HD CAMCORDERS	VIXIA HF G10	VIXIA HF S30	VIXIA HF M41	VIXIA HF M40	VIXIA HF M400
					
Format	AVCHD* (up to 24 Mbps)	AVCHD* (up to 24 Mbps)	AVCHD* (up to 24 Mbps)	AVCHD* (up to 24 Mbps)	AVCHD* (up to 24 Mbps)
Recording Media	Flash Memory	Flash Memory	Flash Memory	Flash Memory	Flash Memory
Memory Card Slots	2x SD/SDHC/SDXC	2x SD/SDHC/SDXC	2x SD/SDHC/SDXC	2x SD/SDHC/SDXC	2x SD/SDHC/SDXC
Internal Storage	32GB	32GB	32GB	16GB	–
Image Sensor	1/3-inch HD CMOS Pro	1/2.6-inch CMOS	1/3-inch HD CMOS Pro	1/3-inch HD CMOS Pro	1/3-inch HD CMOS Pro
Total Pixels	2.37 Megapixels	8.59 Megapixels	2.37 Megapixels	2.37 Megapixels	2.37 Megapixels
Effective Pixels	Video: Approx. 2.07 Megapixels (1920 x 1080) Photo: Approx. 2.07 Megapixels (1920 x 1080)	Video: Approx. 6.01 Megapixels (3264 x 1840) Photo: Approx. 8.02 Megapixels (3264 x 2456)	Video: Approx. 2.07 Megapixels (1920 x 1080) Photo: Approx. 2.07 Megapixels (1920 x 1080)	Video: Approx. 2.07 Megapixels (1920 x 1080) Photo: Approx. 2.07 Megapixels (1920 x 1080)	Video: Approx. 2.07 Megapixels (1920 x 1080) Photo: Approx. 2.07 Megapixels (1920 x 1080)
Still Image Recording	1920 x 1080 (16:9 only)	Large Wide (3264 x 1840) Large (3264 x 2456) Medium (1920 x 1440) Small (640 x 480)	1920 x 1080 (16:9 only)	1920 x 1080 (16:9 only)	1920 x 1080 (16:9 only)
Full HD 1920 x 1080 Movie Recording	Yes	Yes	Yes	Yes	Yes
Image Processor	DIGIC DV III	DIGIC DV III	DIGIC DV III	DIGIC DV III	DIGIC DV III
Image Stabilizer	Dynamic SuperRange OIS with Powered IS	Dynamic SuperRange OIS with Powered IS	Dynamic SuperRange OIS with Powered IS	Dynamic SuperRange OIS with Powered IS	Dynamic SuperRange OIS with Powered IS
Zoom Ratio (Optical/Digital)	10x /200x (Video Only)	10x /200x (Video Only)	10x /200x (Video Only)	10x /200x (Video Only)	10x /200x (Video Only)
Advanced Zoom	–	–	–	–	–
Filter Diameter	58mm	58mm	43mm	43mm	43mm
24Mbps Recording	Yes	Yes	Yes	Yes	Yes
Minimum Focusing Distance (Wide/Tele)	10mm/40cm (Tele Macro)/1m	10mm/1m	10mm/40cm (Tele Macro)/1m	10mm/40cm (Tele Macro)/1m	10mm/40cm (Tele Macro)/1m
5.1-Channel Surround Sound	Yes (Optional SM-V1 Microphone Required)	Yes (Optional SM-V1 Microphone Required)	Yes (Optional SM-V1 Microphone Required)	Yes (Optional SM-V1 Microphone Required)	Yes (Optional SM-V1 Microphone Required)
Instant AF	Yes	Yes	Yes	Yes	Yes
Face Detection	Yes	Yes	Yes	Yes	Yes
Touch & Track	Yes	Yes	Yes	Yes	Yes
Smart Auto	Yes	Yes	Yes	Yes	Yes
Native 24p Mode	Yes	Yes	–	–	–
Cinema-Look Filters	Yes	–	Yes	Yes	Yes
Story Creator	Yes	–	Yes	Yes	Yes
Tele Macro	Yes	–	Yes	Yes	Yes
Touch Decoration	Yes	–	Yes	Yes	Yes
HD-to-SD Downconversion	Yes	Yes	Yes	Yes	–
Eye-Fi Compatible	Yes	Yes	Yes	Yes	Yes
LCD Screen	3.5" High Resolution Touch Panel Wide Screen LCD Approx. 922,000 dots	3.5" High Resolution Touch Panel Wide Screen LCD Approx. 922,000 dots	3.0" Touch Panel Wide Screen LCD Approx. 230,000 dots	3.0" Touch Panel Wide Screen LCD Approx. 230,000 dots	3.0" Touch Panel Wide Screen LCD Approx. 230,000 dots
Viewfinder	Yes	Yes	Yes	–	–
Pre-Record	Yes	Yes	Yes	Yes	Yes
Advanced Video Snapshot	Yes	Yes	Yes	Yes	Yes
Relay Recording	Yes	Yes	Yes	Yes	Yes
Automatic Attenuator	Yes	Yes	Yes	Yes	Yes
Video Light	–	White LED	–	–	–
USB Terminal (Supports PictBridge)	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed
MIC Terminal	Yes (Manual Audio Level Control)	Yes (Manual Audio Level Control)	Yes (Manual Audio Level Control)	Yes (Manual Audio Level Control)	Yes (Manual Audio Level Control)
HDMI Terminal	Yes (Supports 1080p Output,CEC, x.v.Color)	Yes (Supports CEC, x.v.Color)	Yes (Supports 1080p Output,CEC, x.v.Color)	Yes (Supports 1080p Output,CEC, x.v.Color)	Yes (Supports 1080p Output,CEC, x.v.Color)
Remote Terminal	Yes (Built-in)	Yes (Built-in)	Yes (w/optional RA-V1)	Yes (w/optional RA-V1)	Yes (w/optional RA-V1)
Advanced Accessory Shoe	Yes (Mini)	Yes (Mini)	Yes (Mini)	Yes (Mini)	Yes (Mini)
Dimensions (W x H x D)	Approx. 3.0 x 3.1 x 5.9 in / 77 x 78 x 151mm	Approx. 3.0 x 2.9 x 5.8 in / 75 x 74 x 148mm	Approx. 2.9 x 2.8 x 5.4 in / 74 x 71 x 137mm	Approx. 2.9 x 2.8 x 5.2 in / 74 x 71 x 131mm	Approx. 2.9 x 2.8 x 5.2 in / 74 x 71 x 131mm
Weight (Body Only)	Approx. 1.2 lb/545g	Approx. 1.0 lb/470g	Approx. 1.2 oz/360g	Approx. 1.2 oz/350g	Approx. 1.2 oz/350g

Consumer Camcorder Specifications

HD CAMCORDERS	VIXIA HF R21	VIXIA HF R20	VIXIA HF R200	SD CAMCORDERS	FS40	FS400
						
Format	AVCHD* (up to 24 Mbps)	AVCHD* (up to 24 Mbps)	AVCHD* (up to 24 Mbps)	Format	MPEG-2 (SD-Video)	MPEG-2 (SD-Video)
Recording Media	Flash Memory	Flash Memory	Flash Memory	Recording Media	Flash Memory	Flash Memory
Memory Card Slots	2x SD/SDHC/SDXC	2x SD/SDHC/SDXC	2x SD/SDHC/SDXC	Memory Card Slot	SD/SDHC/SDXC	SD/SDHC/SDXC
Internal Storage	32GB	8GB	–	Internal Storage	8GB	–
Image Sensor	1/4.85-inch CMOS	1/4.85-inch CMOS	1/4.85-inch CMOS	Image Sensor	1/6" CCD	1/6" CCD
Total Pixels	3.28 Megapixels	3.28 Megapixels	3.28 Megapixels	Total Pixels	680,000 Pixels	680,000 Pixels
Effective Pixels	Video: Approx. 2.07 Megapixels (1920 x 1080) Dynamic IS On: Approx. 1.47 Megapixels (1616 x 909) Advanced Zoom On: Approx. 1.04 Megapixels (1360 x 765) Photo: 16:9 Approx. 2.07 Megapixels (1920 x 1080) Photo: 4:3 Approx. 2.41 Megapixels (1792 x 1344)	Video: Approx. 2.07 Megapixels (1920 x 1080) Dynamic IS On: Approx. 1.47 Megapixels (1616 x 909) Advanced Zoom On: Approx. 1.04 Megapixels (1360 x 765) Photo: 16:9 Approx. 2.07 Megapixels (1920 x 1080) Photo: 4:3 Approx. 2.41 Megapixels (1792 x 1344)	Video: Approx. 2.07 Megapixels (1920 x 1080) Dynamic IS On: Approx. 1.47 Megapixels (1616 x 909) Advanced Zoom On: Approx. 1.04 Megapixels (1360 x 765) Photo: 16:9 Approx. 2.07 Megapixels (1920 x 1080) Photo: 4:3 Approx. 2.41 Megapixels (1792 x 1344)	Effective Pixels	Video: Advanced Zoom ON (16:9): Approx. 450,000 pixels (937 x 480) (Wide)/ 360,000 pixels (839 x 430) (Tele); Advanced Zoom OFF/Dynamic IS On (16:9): Approx. 360,000 pixels (839 x 430) Photo: Approx. 450,000 pixels (809 x 554)	Video: Advanced Zoom ON (16:9): Approx. 450,000 pixels (937 x 480) (Wide)/ 360,000 pixels (839 x 430) (Tele); Advanced Zoom OFF/Dynamic IS On (16:9): Approx. 360,000 pixels (839 x 430) Photo: Approx. 450,000 pixels (809 x 554)
Still Image Recording	1920 x 1080 (16:9) 2016 x 1512 (4:3)	1920 x 1080 (16:9) 2016 x 1512 (4:3)	1920 x 1080 (16:9) 2016 x 1512 (4:3)	Still Image Recording	1024 x 768	1024 x 768
Full HD 1920 x 1080 Movie Recording	Yes	Yes	Yes	Image Processor	DIGIC DV II	DIGIC DV II
Image Processor	DIGIC DV III	DIGIC DV III	DIGIC DV III	Image Stabilizer	Dynamic Image Stabilizer	Dynamic Image Stabilizer
Image Stabilizer	Dynamic Image Stabilizer	Dynamic Image Stabilizer	Dynamic Image Stabilizer	Zoom Ratio (Optical/Digital)	37x/2000x	37x/2000x
Zoom Ratio (Optical/Digital)	20x /400x (Video Only) 28x	20x /400x (Video Only) 28x	20x /400x (Video Only) 28x	Advanced Zoom (16:9)	41x	41x
Advanced Zoom	28x	28x	28x	Filter Diameter	–	–
Filter Diameter	34mm	34mm	34mm	Minimum Focusing Distance (Wide/Tele)	10mm/1m	10mm/1m
24Mbps Recording	Yes	Yes	Yes	Quick Start	Yes	Yes
Minimum Focusing Distance (Wide/Tele)	10mm/40cm (Tele Macro)/1m	10mm/40cm (Tele Macro)/1m	10mm/40cm (Tele Macro)/1m	Eye-Fi Compatible	Yes	Yes
5.1-Channel Surround Sound	–	–	–	LCD Screen	2.7" Widescreen LCD Approx. 112,000 dots	2.7" Widescreen LCD Approx. 112,000 dots
Instant AF	–	–	–	Viewfinder	–	–
Face Detection	Yes	Yes	Yes	Pre-Record	Yes	Yes
Touch & Track	Yes	Yes	Yes	Advanced Video Snapshot	Yes	Yes
Smart Auto	Yes	Yes	Yes	Program AE Modes	Yes	Yes
Native 24p Mode	–	–	–	Video Light	White LED	White LED
Cinema-Look Filters	–	–	–	USB Terminal (supports PictBridge)	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed
Story Creator	–	–	–	Built-in Lens Cover	Electronic	Electronic
Tele Macro	Yes	Yes	Yes	Dimensions (W x H x D)	Approx. 2.1 x 2.3 x 4.8 in/ 53 x 59 x 122mm	Approx. 2.1 x 2.3 x 4.8 in/ 53 x 59 x 122mm
Touch Decoration	Yes	Yes	Yes	Weight (Body Only)	Approx. 7.8 oz/220g	Approx. 7.8 oz/220g
HD-to-SD Downconversion	Yes	Yes	–			
Eye-Fi Compatible	Yes	Yes	Yes			
LCD Screen	3.0" Touch Panel Wide Screen LCD Approx. 230,000 dots	3.0" Touch Panel Wide Screen LCD Approx. 230,000 dots	3.0" Touch Panel Wide Screen LCD Approx. 230,000 dots			
Viewfinder	–	–	–			
Pre-Record	Yes	Yes	Yes			
Advanced Video Snapshot	Yes	Yes	Yes			
Relay Recording	Yes	Yes	Yes			
Automatic Attenuator	Yes	Yes	Yes			
Video Light	–	–	–			
USB Terminal (Supports PictBridge)	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed			
MIC Terminal	Yes (Manual Audio Level Control)	Yes (Manual Audio Level Control)	Yes (Manual Audio Level Control)			
HDMI Terminal	Yes (Supports 1080p Output,CEC, x.v.Color)	Yes (Supports 1080p Output,CEC, x.v.Color)	Yes (Supports 1080p Output,CEC, x.v.Color)			
Remote Terminal	–	–	–			
Advanced Accessory Shoe	–	–	–			
Dimensions (W x H x D)	Approx. 2.4 x 2.4 x 4.8 in / 60 x 62 x 121mm	Approx. 2.4 x 2.4 x 4.8 in / 60 x 62 x 121mm	Approx. 2.4 x 2.4 x 4.8 in / 60 x 62 x 121mm			
Weight (Body Only)	Approx. 9.5 oz/270g	Approx. 9.5 oz/270g	Approx. 9.5 oz/270g			

50 * High definition footage in the AVCHD format can be copied onto DVD media with included software. However, DVD media containing AVCHD footage should only be used in AVCHD compatible players otherwise the DVD player may fail to eject the media and may erase its contents without warning.