

High performance video camera with stunning high definition imagery and creative control to take your film making to the next level.

Powerful Plus

The Canon HV40 builds on the success of the most awarded High Definition video camera, the HV30. The HV40 is a fully specified HD video camera, featuring native progressive HD CMOS sensor (1920 x 1080), genuine Canon HD video lens, DiGiC DV II, 10x Super Range Optical Image Stabilizer and Instant AF. It also has 13 programmed AE modes, including 25P Cine mode; enhanced low light performance and breathtaking imagery.



### Key Features

#### Complete High Definition Video Camera

- Full HD CMOS sensor (1920 x 1080)
- Complete HD video camera system with HD CMOS, HD Video Lens & powerful DiGiC DV II processor
- HD assisted functions of Super Range OIS and Instant AF for fast and sharp focusing on demand

#### Canon High Definition Image Quality

- Canon is a world leader in lens technology, No. 1 in broadcast and SLR lenses
- Exceptional sensitivity for low-light conditions with gapless micro-lens technology on CMOS sensor
- 3.1 MP photographic functions
- On-chip noise reduction for minimum grain and RGB layer filter for realistic colour reproduction
- Built-in video LED light and flash with red-eye reduction

#### Never Miss a Moment

- Simultaneous photo shooting while recording video

#### Additional Features for Creative Control

- 13 programmed AE modes and from simple auto filming to cinematic 25P
- Advanced accessory shoe to support video light and directional stereo microphone
- Multi-angle vivid 2.7" LCD display for wider viewing



#### Fast Capture and Processing

True Progressive HD CMOS sensor (1920 x 1080) for fast capture and processing and low power use



#### HD Video Lens and Zoom

High precision 43mm diameter aspheric video lens with 10x zoom



#### High Speed Processing

DiGiC DV II image processor for high speed processing of HD data



#### Image Stability

Super Range Optical Image Stabilizer to compensate for vibration and hand-held movement



#### Sharp Focusing on Demand

Instant AF for crisp and quick refocus to ensure optimum HD footage



#### Movie quality

13 programmed AE modes, including 25P Cine Mode for a cinematic look and feel to your video



#### Photos

Stunning digital photography with simultaneous shooting while recording video



#### Professional Quality

Proven archival quality, using a format that professionals use



### Canon High Definition Camera System

Canon's complete high definition video camera system incorporating the HD CMOS sensor (1920 x 1080), genuine Canon HD Video Lens & powerful DiGiC DV II processor ensures you get the best HD filming results possible.

HV40 Technical Specifications	
<b>Video System</b>	
Standard	HDV 1080i / DV
Sensor	1/2.7 inch Canon progressive HD CMOS sensor
Filter Array	Primary Colour Filter (RGB Bayer)
Image Processor	DiGiC DV II
<b>Image Pixels</b>	
Total	Total: 2,960,000 (1994 H x 1484 V); Movie: 2.07MP (HD/DV 16:9); Still Image: 2.76MP (4:3)
Widescreen Capability	High Resolution Real Widescreen 16:9
<b>Lens</b>	
Type	Canon High Definition Video Lens
Focal Length	6.1 – 61mm
Maximum Aperture	f/1.8-3.0 (tape)
Minimum Focusing Distance	10mm
Shutter Speed	Tape: 1/6 – 1/2000 sec; Card: 1/2 – 1/500 sec
Optical Zoom / Digital Zoom	10x / 40x/200x (tape)
Image Stabilizer	Super Range Optical Image Stabilization
<b>Focusing</b>	
AF System	Hi-Speed Instant Auto Focus (Instant AF) / Normal AF
Focusing Range	Auto / Manual / Forced Infinity, Dedicated switch and focus dial
<b>Control/Balance</b>	
Light Metering Method	Evaluative / Centre-weighted average / Spot metering
Exposure Compensation	± 11 Levels
White Balance Mode	Auto, TTL, 6 Presets (Daylight / Shade / Cloudy / Tungsten / Fluorescent / Fluorescent H)
Back Light Correction	Dedicated BLC button
<b>Illumination</b>	
Minimum Illumination	0.2 lux (Night Mode)
Flash	Built in (Auto / On / Off / Slow-synchro / Red eye reduction is available) <sup>1</sup>
Video Light	Built in low luminance AF auxiliary video LED light with manual switch <sup>2</sup>
Further Support	Accessory shoe supports attachable flash (VFL-1) & video light (VL-3)
<b>LCD Monitor/Viewfinder</b>	
LCD	2.7 inch Real Widescreen / approx. 211,000 pixels. With wide angle viewing, wide colour range, hard coat and anti glare.
Viewfinder	0.27 inch Real Widescreen & colour / 123,000 pixel
<b>Filming Modes &amp; Controls</b>	
AE Modes	13 modes. AUTO, [P], (P / Av / Tv / SCN / CINE (progressive HDV 25PF))
Scene Modes (SCN)	Portrait / Sports / Night / Snow / Beach / Sunset / Spotlight / Fireworks
Image Quality Adjustment	8 adjustments : Vivid / Neutral / Low Sharpening / Soft Skin Detail / Brightness / Contrast / Sharpness / Colour Depth
Effects	Tape: Black & White, Sepia, Art; Card: Black & White, Sepia
Fades	Auto Fade, Wipe Fade
<b>Recording Formats</b>	
Video Data	HDV 1080/50i, 1080/25P, DV (PAL)
Recording Modes	SP / LP (DV only)
<b>Audio</b>	
Audio Data	HDV: MPEG1 Audio Layer II (16 – bit); DV: PCM 16 bit 2 channels (48 kHz) or 12-bit 4 channels (32 kHz)
Audio Level Metering	Manual audio level VR metering and control with adjustment via LCD, Four channel audio playback
Wind Screen	Available
<b>Still Image Recording</b>	
Capture Sizes	3.15 megapixel (2048 x 1536 4:3), 2.07 megapixel (1920 x 1080 16:9)
Memory Card	Mini SD (photo recording only)
Still Shooting Functions	Simultaneous Photo Recording to Mini SD / Auto Exposure Bracketing / High Speed Continuous Shooting / 9-point AiAF
Image Transfer / Direct Print	Via USB <sup>3</sup> / PictBridge and dedicated Direct Print/Print Share button <sup>4</sup>
<b>Interface</b>	
Accessory Shoe	Advanced Accessory Shoe (EOS flash unit not supported)
Terminals	HDV/DV in/out, AV in/out, Component out, HDMI output, Headphone and Microphone terminals, USB Full Speed
Streaming/Down Converting	IEEE1394 (MPEG2-TS/DV) - Analogue to Digital Converter / Down Converting - Yes. Both analogue and digital
Operating Platforms	PC: Windows XP (SP1 & SP2), Vista; Mac: OS X (v10.4 or later)
<b>Other</b>	
Self Timer	10 sec/Remote Controller: 2 sec.
Search	Date search, END search
Power Supply / Power Save	7.4V DC (battery pack), 8.4V (DC IN) / Power shutoff after recording continuously paused for 5 minutes
Dimensions (W x H x D)	88 x 82 x 138 mm
Weight	535 g (body only)

### Included Accessories

- Wireless controller (WL-D87 - Remote battery CR2025)
- Battery Pack (BP-2L13)
- Compact Power Adaptor (CA-570)
- Stereo Video Cable (STV-250N)
- Component Cable (CTC-100/S)
- Software / Digital Video Solutions Disk
- USB Cable & AC Cable

### Optional Accessories

- Battery Pack (NB-2L / NB-2LH / BP-2L13 / BP-2L14)
- Compact Power Adapter (CA-570)
- Battery Charger (CB-2LTE / CB-2LWE)
- Component Cable (CTC-100/S / CTC-100)
- Tele Converter Lens (TL-H43)
- Wide Converter Lens (WD-H43)
- Filter set (FS-H43U / FS-43U II)
- Video Light (VL-3)
- Video Flash Light (VFL-1)
- Battery video light (VL-10L - with battery pack from BP-9\*\* series)
- Soft Carrying Case (SC-1000 / SC-2000)
- DV Cable (CV-150F / CV-250F)
- Wrist Strap (WS-20)
- Shoulder Strap (SS-900)
- Digital Video cassette (HDVM-E63PR / DVM-E60 / DVM-E80)
- Car Battery Adapter (CBC-NB2)
- Interface Cable (IFC-400PCI)
- SCART Adapter (PC-A10)

For superior printing the PIXMA Pro 9500 MKII connects directly to your Canon HV40 to print stunning photos.



### Disclaimers

- Other flash supported via accessory shoe.
- Other video light supported via accessory shoe.
- Compatible Windows computer required for direct download.
- Compatible printer required for Direct Printing.