

# Specs - Canon HDV camcorders - XH A1 and XH G1

	HD Video Camera Recorder XH A1	HD Video Camera Recorder XH G1
<b>Video System</b>	HDV	
<b>CCD</b>	3x 1/3in CCD horizontal pixel shift	
Total pixels	1.67MP x 3	
Effective pixels (approx)	HD - 1.56 megapixels SD/4:3 - 1.17 megapixels SD/16:9 - 1.56 megapixels	
Filter	RGB Independent Primary Colour	
<b>Lens</b>		
Optical Zoom	20x	
Digital Zoom	N/A	
Focal length	4.5 - 90mm	
Maximum aperture	f/1.6	
Minimum focusing distance	20mm	
Image Stabilizer	YES (optical, lens-shift)	
Filter diameter	72mm	
Wide Attachment	YES (As optional accessory)	
<b>LCD</b>		
Screen size	2.8in, widescreen 16:9 format	
Pixels	207,000	
Manual adjustment	Brightness, Contrast, Colour, Sharpness, Black and White Mode, Skin Tone, Sky Detail	
Multi image screen	NO	
<b>Viewfinder</b>		
Screen size	0.57in	
Pixels	CL 269,000	
Minimum illumination (lux)	0.4 lux (in manual mode)	
Night Mode	YES	
Super Night Mode	NO	
<b>Focus</b>		
Auto	Instant AF	
Manual	Independent focus ring	
Focus present	Button selection	
<b>Program AE modes</b>	Full Auto, Auto, Spotlight, Low Light, Tv, Av, Manual	
<b>Backlight Compensation</b>	Manual Control	
<b>White balance</b>		
Type	TTL	
Auto	YES	
Set/Preset	YES	
Lock	YES	
<b>Shutter speed max/min</b>	1/16,000s and 1/3s	
<b>Digital Effect</b>		
Fade	Black fade, White fade	
Effect	?	
Custom Key	YES	
<b>Still image</b>		
Capture image size	640 x 480, 1440 x 1080, 1920 x 1080	
Continuous shooting mode	YES	
Auto Exposure Bracketing	YES	
Simultaneous Photo Recording	YES	
Selecting AF Frame Function	NO	
Photo Button	YES	
<b>Time base corrector</b>	NO	
<b>Self timer</b>	NO	
<b>REC. review/REC. search</b>	YES (depending on recording format)	
<b>Recording modes</b>		
LP mode	NO	
Extended Recording mode (ELP mode)	NO	
<b>Search</b>		
Still image	YES	
Date	YES	
<b>Editor</b>	?	
<b>Memory cards</b>		
Multi Media Card	YES	
Secure Digital Card	YES	
<b>Movie Recording</b>	NO	
<b>Audio</b>	SD: PCM digital recording (48 kHz, 16 bits or 32 kHz, 12 bits selectable)	
Manual Rec. level control	YES	
Audio Dubbing	NO	
<b>Sockets</b>		
Headphone	YES	
Microphone	YES	
USB	NO	
DV	YES (out/in)	
Direct Print	NO	
Analogue-in	YES	
AV	YES	
S-video	NO	
LANC	YES	
HD-SDI output	NO	YES
Timecode in/out	NO	YES
Genlock input jacks for multi-camera setup	NO	YES
<b>Built-in charger</b>	YES	
<b>Light-up button</b>	?	
<b>Accessory shoe</b>	YES (hot shoe)	
<b>Built-in video light</b>	NO	
<b>Built-in flash</b>	NO	
<b>PC Connection kit</b>		
Digital Video Solution Disk	NO	
DV Network Solution Disk	NO	
Application software	NO	
USB cable	NO	
<b>Wireless controller</b>	WL-D5000	
<b>Analogue Digital Converter</b>	YES	
<b>Battery Pack</b>	Lithium-Ion	
Battery included in the kit	BP-950G	
Optional long-life battery	BP-970G	
Longer recording time (using NP-970G)	7 hours (approx)	
<b>Dimensions (W x H x D)</b>	163mm x 189mm x 350mm	
<b>Weight</b>	2.03kg	2.10kg