

Specifications for the product series		RECORDING MODE	
Product Code	CAMCAHFR-16	LP Mode	4 recording quality modes.
<b>SPECIFICATIONS</b>			FXP: 1920x1080, 17Mbps;
Recording Medium	Dual Flash Memory (8Gb internal + SDHC card slot)		XP+: 1440x1080, 12Mbps;
	with Relay Recording (internal memory to card)		SP: 1440x1080, 7Mbps;
Max Recording Time	Variable total, depending on memory card size	LP: 1440x1080, 5Mbps	
	Internal memory: 3hrs 00mins	Extended Recording Mode (ELP Mode)	-
	32Gb SDHC card: 12hrs 15mins	Progressive Shooting Mode	YES (25p)
<b>CCD</b>		CINE Image Mode	YES
Type	1/5.5 type CMOS	x.v.Color	YES
Total pixels	2.39 megapixel	Video Snapshot	YES
Effective Pixels: Movie	1.56 megapixels	Dual Shot	YES
Effective Pixels: Still	1.73 megapixels (4:3 mode)	Pre REC	YES
Filter	RGB Primary Colour Filter	Colour Bars and Test Tone	NO
<b>LENS</b>		<b>SEARCH</b>	
Optical Zoom	20x	Still Image	NO
Digital Zoom	400x / 80x (selectable)	Date	YES (date select, calendar, timeline, Face Timeline, Face Jump)
Digital Tele-Converter	NO	<b>MEMORY CARD</b>	
Focal Length	3.0-60.0mm	Multi Media Card	NO
35mm Equivalent Focal Length	MOVIE: Approx 40-800 mm	Secure Digital Card	SD / SDHC
	STILL: Approx 40.2-804 mm	Movie Recording	YES
Maximum Aperture	f1.8 to f3.6	Internal Data Transfer	MOVIE: Yes (internal memory to card)
Minimum Focusing Distance	10mm		STILLS: Yes (internal memory to card)
Image Stabilizer	Dynamic Electronic Image Stabilizer	<b>AUDIO</b>	

Filter Diameter	N/A	System	Dolby Digital 2ch (AC-3 2ch)
Wide Attachment	NO	Manual Rec. Level Control	YES
<b>IMAGE PROCESSOR</b>		Audio Dubbing	NO
Image Processor	DIGIC DV III	<b>TERMINAL</b>	
Face Detection	YES	Headphone	NO
<b>LCD</b>		Microphone	NO
Screen Size	6.7cm (2.7") widescreen colour LCD	USB	YES (USB 2.0 Hi Speed out only)
Pixels	112, 000 pixels	DV	NO
Touch-Screen LCD	NO	Direct Print	YES
Manual Adjustment	Brightness, backlight	Analogue-in	NO
Temporary Underscan	NO	AV	YES (out only)
<b>VIEWFINDER</b>		S-video	NO
Screen Size	N/A	Component	YES (out only)
Pixels	N/A	HDMI	YES (HDMI() Mini Connector: v1.3, CEC supported, out only)
<b>MINIMUM ILLUMINATION</b>		LANC	NO
Minimum Lux.	Approx. 0.4 lux (Low Light Mode)	Built-in Charger	YES
Night Mode	YES	<b>QUICK START</b>	
Auto Gain Control Limit Adjustment	NO	Quick Start	YES (using LCD screen)
<b>FOCUS</b>		<b>ACCESSORY SHOE</b>	
Auto/Manual	YES / YES	Accessory Shoe	NO
Control	AUTO: Face Priority AF/Instant AF/TV AF	<b>BUILT-IN VIDEO LIGHT</b>	
	MANUAL: Joystick	Built-in Video Light	NO
Manual Focus Assist	YES (Magnification, Face Assist)	<b>BUILT-IN FLASH</b>	
<b>AE MODE</b>		Built-in Flash	NO
Smart AUTO	YES (31 scene)	<b>PC CONNECTION KIT</b>	
Program AE		Digital Video Solution Disk	YES (v34)
	AUTO, P, CINE, Portrait, Sports, Snow, Beach, Sunset	DV Network Solution Disk	NO
	Night, Low Light, Spotlight, Fireworks	Application Software	YES (PIXELA ImageMixer 3 SE, Music Transfer utility)
Zebra	NO	USB Cable	YES
<b>BACKLIGHT COMPENSATION</b>		<b>WEB</b>	
Backlight Compensation	YES	Easy Web Upload	YES
<b>WHITE BALANCE</b>		HD->SD conversion	YES
Type	TTL	<b>WIRELESS CONTROLLER</b>	

Auto	YES	Wireless Controller	NO
Set/Presets	YES (Daylight, Tungsten)	<b>BATTERY PACK</b>	
<b>SHUTTER SPEED</b>		Type	Lithium Ion
Maximum	1/2000th sec.	Intelligent Battery System	NO
Slow	1/2 sec.	Battery Included In The Kit	BP-2L5
<b>DIGITAL EFFECT</b>		Max Recording Time (included battery)	1hr 25mins
Fade	Auto Fade, Wipe	Quick Charge	NO
Effect	Black & White, Sepia	Long Life Battery	NB-2LH
<b>IMAGE QUALITY ADJUSTMENT</b>		Longer Recording Time*	1hr 50mins
Image Effects	Vivid, Neutral, Low Sharpening, Soft, Skin Detail	<b>DIMENSIONS</b>	
Custom Functions	NO	W x H x D	60 x 64 x 124mm
<b>CUSTOM KEY</b>		Weight	Approx. 270g
Custom Key	NO		
<b>STILL IMAGE</b>			
Capture Image Size	1920 x 1080, 1600 x 1200, 640 x 480		
Continuous Shooting	NO		
Auto Exposure	NO		
Simultaneous Photo	NO		
Selecting AF Frame	YES		
Histogram	YES		
Photo Button	YES		
Photo Burst	YES		
<b>SELF TIMER</b>			
Self Timer	10 sec		