



Item		XL H1	
Camera			
Image sensing device	Image size	1/3-inch CCD	
	System	3-CCD horizontal pixel shift	
	Total pixels	1.67 megapixels per CCD	
	Number of effective pixels (per CCD)	HD: Approx. 1.56 megapixels SD/4:3: Approx. 1.17 megapixels SD/16:9: Approx. 1.56 megapixels	
Lens	Optical zoom magnification	20x HD VIDEO Lens	
	Focal length	5.4 - 108mm	
	f-number	f/1.6 - 3.5	
	Aperture leaves (Number of leaves)	6 leaves, iris diaphragm	
	Zoom speed	Handle zoom	Fixed speed (16 speed level settings available)
		Grip zoom	Variable speed/Fixed speed (16 speed level settings available)
Filter diameter	72mm		
Minimum illumination	Auto mode (when i is selected)	Approx. 6 lux (shutter speed 1/50, Gain 18dB)	
	Manual mode GAIN 18 dB, f1.6, i is selected	Approx. 0.4 lux (shutter speed 1/3)	
Image stabilizer	Image stabilization system	Optical Image Stabilization (when HD 20x zoom XL5.4-108mm L IS II is installed, VAP compensation system is used)	
	Sensing method	Angle detection and movement vector detection	
Shooting functions			
AE mode	AE mode	Auto mode, Tv mode, Av mode, Manual mode, Spotlight mode, Night mode, Full Auto mode	
Photometry system	Center weighted average	Full Auto mode, Auto mode, Night mode, Tv mode, Av mode and Manual mode	
	Evaluative photometry (128-segments)	Spotlight mode	
Exposure adjustment	AE lock	Included. EXP. LOCK button operation (Auto mode, TV mode, AV mode only)	
	AE shift	Included. AE SHIFT dial operation (± 2 levels) (Auto mode, TV mode, AV mode only)	
	Gain setting	Auto/Gain select (-3, 0, +3, +6, +12, +18 dB) Set to Auto in Full Auto and Night mode, Spotlight mode is fixed at 0 dB.	
Frame rate setting		i - 50i recording, F1/F2 - 25F recording	
Shutter speed (Tape recording)	Shutter speed setting (at TV priority)		13 levels (1/3, 1/6, 1/12, 1/25, 1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 sec)
	In Auto mode	i is selected F1 is selected	1/50 to 1/500 sec 1/25 to 1/500 sec
	Night mode	i is selected F1 is selected	1/3 to 1/500 sec 1/3 to 1/500 sec
Aperture value (HD 20x zoom): AV priority		f/1.6, 2.0, 2.8, 4.0, 5.6, 8.0, 9.5, CLOSE	
Image quality adjustment	Skin setting	The skin detail setting can be made after making the hue adjustment, chroma adjustment, area adjustment, and Y level adjustment.	
	Custom preset	Gamma adjustment, knee adjustment, black adjustment, master pedestal adjustment, setup level adjustment, sharpness adjustment, H detail adjustment, H/V balance adjustment, coring adjustment, NR (1/2) adjustment, color matrix adjustment, color gain adjustment, hue adjustment, RGB gain independent adjustment, matrix adjustment (6-axis adjustment)	
White balance	Auto	Yes	
	Preset/Set	Outdoor (5600 K), Indoor (3200 K), Set (2 available), Color temperature setting	
	System	TTL, 128 segments	
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Focus	Mode	AF, MF, One-push AF, Preset focus (HD 20x zoom installed)	
	MF operation	Focus ring operation	
Time code	Countup system	Rec Run, free run, Recrun Preset, hold	



	Start value setting	"00:00:00:00", Set, Reset selectable
Digital fade		Yes (White, black fader)
Still image recording		Yes (1920 x 1080)
Zebra pattern		Yes (Level adjustment: selectable from 70%, 75%, 80%, 85%, 90%, 95%, and 100%)
Color bar		Yes
Clear scan		Yes
Memory card		Yes
REC review		Yes
Standby switch		Yes
Power save (after recording is paused for 3 minutes)		Yes
Audio		DV recording: 16-bit 2ch (48 kHz), 12-bit 4ch (32 kHz) 4-channel synchronous recording is possible HDV recording: 2ch recording/MPEG1 Audio layer II, 4ch recording/MPEG2 Audio layer II
Wind screen		Yes (ON/OFF)
LCD monitor	Size	2.4-inch (Wide type)
	Pixels	215,000 pixels
	Image quality adjustment	Yes (Brightness, Contrast, Color, Sharpness Adjustment, Black and White supported)
	Movable	Yes. Front and back, and side to side adjustment
VCR		
Playback system	Frame playback	DV recording: Forward/Reverse, HDV recording: Forward only
	Slow playback ($\pm 1/3$, $\pm 1/10$ x speed)	DV recording: Forward/Reverse, HDV recording: Forward only
	2x speed playback	DV recording: Forward/Reverse, HDV recording: Forward/Reverse (speed is 1x speed)
	1x speed playback	DV/HDV recording: Forward/Reverse,
	Cue/Review	DV recording: 11.5x speed, HDV recording: 8x speed
Search	Date search	Yes
	Index search	Yes
	End search	Yes
Data code display		Date and time display, Shooting data
Zero set memory		Yes
System		
Interface (jacks)	Microphone input jack	Front microphone jack (with 5 V DC jack), rear microphone jack (XLR jack supporting phantom power supply: 2 systems), accessory shoe jack (supporting Microphone Adapter MA-300)
	Headphone output	3.5 mm mini jack
	HDV/DV terminal	Input/Output
	Video jacks	S jack (input/output), BNC jack (input/output), HD/SD-SDI jack (output only), component jack (output only)
	AV terminal	RCA pin (V: input/output, A: input/output 2 systems)
	Editing jack	Yes (LANC)
	Time code jack	Yes (Input, output: 1 system each)
	GENLOCK terminal	Yes (Input only)
	Memory card terminal	Yes
	EVF jack	Color/Black and white viewfinder: 1 system each
Analog signal \rightarrow DV signal conversion		Yes
Microphone attenuation		Yes (Only microphones connected to the front microphone and rear XLR jacks)
Microphone level meter		Yes
World clock		Yes
Tally lamp		Yes
Remote control sensor		Supporting ((1, ((2
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Accessory shoe		Supporting Microphone Adapter MA-300, EOS flash
Custom key		Yes (2 available)
DV control		Yes
Backup power supply		Lithium coin battery (built-in)
Battery pack power		BP-930, BP-945, BP-950G, BP-970G lithium-ion battery

Specifications subject to change