

Video Recording Format	
	UDF Mode (HD Recording)
	MPEG HD422 (MPEG-2 422P @ HL): CBR, 50 Mb/s
	MPEG HD420 (1440 x 1080, MPEG-2 MP@HL): HQ mode (VBR, maximum bit rate: 35 Mb/s) SP mode (CBR, 25 Mb/s) - playback only LP mode (VBR, maximum bit rate: 18 Mb/s) - playback only
	UDF Mode (SD Recording)
	DVCAM (CBR, 25 Mb/s)
	FAT mode (HD Recording)
	MPEG HD420 (1920 x 1080, MPEG-2 MP@HL): HQ mode (VBR, maximum bit rate: 35 Mb/s) SP mode (CBR, 25 Mb/s)
	FAT Mode (SD Recording)
	DVCAM (CBR, 25 Mb/s)
Audio Recording	
	UDF Mode (HD Recording)
	MPEG HD422 (MPEG-2 422P@HL): 4 channels, 48 KHz, 24-bit LPCM
	MPEG HD420 (1440 x 1080, MPEG-2 MP@HL): 4 channels, 48 KHz, 16-bit LPCM
	UDF Mode (SD Recording)
	DVCAM: 4 channels / 16 bits / 48 kHz
	FAT Mode (HD Recording)
	MPEG HD420 (1920 x 1080, MPEG-2 MP@HL): 2 channels, 48 KHz, 16-bit LPCM
	Fat Mode (SD Recording)
	DVCAM: 2 channels, 48 KHz, 16-bit LPCM
Recording Media	
	Card Type
	SBP-8 / 16 / 32, (GB) SxS Express 34 Cards
Recording / Playback Time	
	UDF Mode (HD Recording)
	50 Mb/s MPEG HD422 (MPEG-2 422P@HL): Approx. 120 min. with SBS-64G1A (64 GB) memory card Approx. 60 min. with SBP-32 / SBS-32G1A (32 GB) memory card Approx. 30 min. with SBP-16 (16 GB) memory card

	35 Mb/s VBR, HQ Mode MPEG HD420 (1440 x 1080, MPEG-2 MP@HL):
	Approx. 180 min. with SBS-64G1A (64 GB) memory card
	Approx. 90 min. with SBP-32 / SBS-32G1A (32 GB) memory card
	Approx. 45 min. with SBP-16 (16 GB) memory card
	UDF Mode (SD Recording)
	25 Mb/s DVCAM:
	Approx. 220 min. with SBS-64G1A (64 GB) memory card
	Approx. 110 min. with SBP-32 / SBS-32G1A (32 GB) memory card
	Approx. 55 min. with SBP-16 (16 GB) memory card
	FAT Mode (HD Recording)
	35 Mb/s VBR, HQ Mode - MPEG HD420 (MPEG-2 MP@HL):
	Approx. 200 min. with SBS-64G1A (64 GB) memory card
	Approx. 100 min. with SBP-32 / SBS-32G1A (32 GB) memory card
	Approx. 50 min. with SBP-16 (16 GB) memory card
	25 Mb/s CBR, SP Mode - MPEG HD 420 (MPEG-2 MP@HL-14):
	Approx. 280 min. with SBS-64G1A (64 GB) memory card
	Approx. 140 min. with SBP-32 / SBS-32G1A (32 GB) memory card
	Approx. 70 min. with SBP-16 (16 GB) memory card
	Fat Mode (SD Recording)
	25 Mb/s DVCAM:
	Approx. 220 min. with SBS-64G1A (64 GB) memory card
	Approx. 110 min. with SBP-32 / SBS-32G1A (32 GB) memory card
	Approx. 55 min. with SBP-16 (16 GB) memory card
Inputs / Outputs	
Genlock Input	1 x BNC (switchable to Video Out), 1.0 Vp-p, 75 ohms
TC Input	1 x BNC (switchable to TC Out), SMPTE-12M-2008, 0.5-1.8 Vp-p, 10 k ohms
Audio Input	2 x XLR type 3-pin (female): line, mic, mic +48 V selectable
SDI Output	1 x BNC, HD/SD switchable, SMPTE-292M/259M
Composite Video Output	1 x BNC, (switchable to Genlock In), HD-Y / Composite switchable, 1.0 Vp-p, 75 ohms
Audio Output	A/V OUT jack: 10 pin connector
TC Output	1 x BNC (switchable to TC In), SMPTE-12M-2008, 1.0 Vp-p, 10 k ohms
Headphone Output	1 x mini-jack (rear: stereo)
Monitor Speaker	Monaural, 250 mW
i.Link	1 x IEEE-1394, 4-pin, HDV (HDV 1080i) / DV input / output, S400
USB	1 x USB 2.0 (device), mini-B type
HDMI Output	1 x HDMI (type A)
Camera Section	
Effective Picture Elements (HxV)	1920 x 1080
Slow Shutter	2, 3, 4, 5, 6, 7, 8, 16, 32 and 64 frame accumulation
Gain Section	-3, 0, 3, 6, 9, 12, 18 dB
Monitoring Section	
Viewfinder	0.24" (0.6 cm) color LCD: 392 x 224 pixels, 16:9
LCD Monitor	3.5" (8.9 cm) color LCD: 852 x 480 (3 RGB), 16:9
Lens Specs	

Zoom Ratio Selectable	10x (optical) servo/manual
Focal Length	5.4 – 54 mm (equivalent to 40 - 400 mm on 35 mm lens)
Iris	F1.8 – F2.0 (auto / manual selectable)
Focus Range	W (auto / manual selectable): 0.39" - infinity (10mm - infinity); T (auto / manual selectable): 31.5" - infinity (800mm - infinity)
Image Stabilizer	ON/OFF selectable, shift lens
Filter Thread	M37mm, pitch 0.75mm
Microphone	
Capsule Type	Omnidirectional stereo electret condenser microphone
Media Specs	
Type	2 x ExpressCard/34 slots
General	
Power Consumption	Approx. 12 W (while recording, EVF On, LCD monitor Off, I/O Select Off); Approx. 14 W (while recording, EVF On, LCD monitor On, I/O Select HD SDI and HD HDMI)
Power Requirements	DC 12 V
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Humidity	10 to 90% (relative humidity)
Continuous Operating Time	Approx. 240 min with BP-U60 battery
Dimensions	Not Specified
Weight	Body only: approx. 3.3 lb (1.5 kg); With lens hood, eye piece, BP-U30 battery & one SxS memory card: 3.9 lb (1.8 kg)