# XA10 XF100

Set your own standard: Professional Full HD camcorders.

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## **XA10**

The innovative XA10 AVCHD camcorder packs Canon professional technology into an ultra-compact body. Exceptional functionality and versatility ensures outstanding video and audio performance.

Professional HD video in

the palm of your hand

**XF100** 



- Records MPEG-2 MXF files to two CF cards at up to 50Mbps (4:2:2 colour, simultaneous recording possible)
- Lightweight palm-sized design; pro audio functions include handle-mounted XLR inputs
- 10x zoom Canon HD Video Lens (30.4mm, f1.8), with control ring and 8-blade iris
- 1/3 type Full HD Canon CMOS sensor
- 3D Shooting Assist Functions and Infrared shooting mode, with built-in IR lamp



# FULL HD

#### FEATURES

- High resolution imaging: wide-angle Canon HD Video Lens (F1.8, 30.4mm) with 10x optical zoom and 8-blade iris
- Canon HD CMOS Pro sensor provides outstanding dynamic range and low light performance
- Professional audio control, including 2x XLR inputs
- Full HD AVCHD recording (24Mbps) to 64GB of internal memory or 2x SDXC cards
- Shoot at night: Infrared mode with built-in IR lamp
- Full manual control, with lens focus ring and customisable control dial
- 8.8cm, 922k dot LCD; 0.61cm, 260k dot EVF
- Dynamic OIS and Powered IS combat shake
- Instant AF and Face Detection for pin-sharp focus
- Versatile: compact size, detachable handle, accessory shoe



XA10 XF100 Codec AVCHD; 24Mbps; 4:2:0 MPEG2 MXF; 50Mbps; 4:2:2 Video Resolution 1080/50i: 1080/25p\* 1080/50i; 1080/25p; 720/50p; 720/25p Recording Media 64GB built-in: 2x SDXC/SDHC 2x CompactFlash Canon HD Video Lens 10x zoom, 30.4mm, f/1.8, Focus control via ring 10x zoom, 30.4mm, f/1.8, Lens, focus, iris control via ring HD CMOS Pro DIGIC DV III 1 Audio 2x XLR input; 35mm jack, 2ch Dolby Digital 2x XLR input; 35mm jack, 2ch Linear PCM Variable Frame Rates Slow & Fast Motion; Time Lapse; Stop Motion 2 assignable buttons Custom Picture; Custom Function; Custom Display Customisation 10 assignable buttons **3D Assist Functions** Infrared mode

\* Recorded as 50i video stream

The XF100 is Canon's smallest camcorder to include an MPEG-2, 50Mbps, 4:2:2 Full HD codec. CF card recording, professional audio and extensive customisation provides exceptional versatility.

- 8.8cm, 920k dot LCD with waveform monitor; 0.6cm, 260k dot EVF
- Variable frame rate recording
- Extensive customisation: 34 functions assignable to 10 buttons
- Canon XF Utility and NLE plug-ins supplied
- Canon Professional Services video support



## Specification

	XA10	XF100		XA10	<b>XF100</b>
IMAGE SENSOR			EVF	0.61cm (0.24"), 100% view	0.(1(0.21/8), 10027
Sensor System	1/3 type HD CMOS Pro Bayer pattern filter	1/3 type CMOS Bayer pattern filter	Size Dots	260,000	0.61cm (0.24"), 100% view 260000
Total pixels per sensor	2.37 megapixels	2.37 megapixels	Image quality adjustments	-	Brightness, contrast, colour, backlight,
ffective pixels per sensor Minimum illumination	2.07 megapixels Auto: 1.3 lux (with Auto Slow Shutter)	2.07 megapixels Full Auto (24dB gain), 50i/25p: 3.8 lux	Adjustable	-	black & white Vertical tilt
	Slow Shutter: 0.1 lux	/ 1.9 lux Manual mode (33dB gain), 50i/25p:	Correction lens INPUTS/OUTPUTS	+ 2.0 to -5.5 diopter	+ 2.0 to -5.5 diopter
Horizontal Resolution	900 TV lines or more	1.3lux / 0.7 lux 900 TV lines or more	Audio in	XLR inputs with 48V phantom power	XLR inputs with 48V phantom power (x2
	(1920 x 1080i mode)	(1920 x 1080i mode)	Headphone output	(x2), 3.5mm microphone input jack 3.5mm stereo jack	3.5mm microphone input jack 3.5mm stereo jack
LENS Zoom ratio	10x	10x	Video monitor output HDMI	NO YES (HDMI <sup>™</sup> Mini Connector: v1.3,	NO YES (Type A, output only)
Focal length	4.25 - 42.5mm (35mm equivalent:	4.25 - 42.5mm (35mm equivalent: 30.4		out only, 1080/50p output possible)	
Minimum focus distance	30.4 - 304mm) 60cm (throughout zoom range);	- 304mm) 60cm (throughout zoom range);	IEEE 1394 (Firewire) USB	NO YES (Mini-B, USB 2.0 Hi-Speed)	NO YES (Mini-B, USB 2.0 Hi-Speed)
	20mm (wide angle)	20mm (wide angle)	HD/SD-SDI output	NO	NO
ND filter Zoom control	Built-in gradation filter (Auto or Off) Slider or Handle:	Built-in gradation filter (Auto or Off) Ring, Rocker or Handle; Selectable	Time code Genlock	NO NO	NO NO
Zoom speed	Selectable Shockless Zoom mode. Zoom Slider: Variable speed/Fixed speed	Shockless Zoom mode Zoom Rocker: Variable speed/Fixed	Component out	YES (output only)	YES (output only)
200111 speed	(Fast/Normal/Slow, 16 speed level	speed (Fast/Normal/Slow, 16 speed	AV terminal	3.5mm mini jack (output only for video and audio)	3.5mm mini jack (output only for video and audio)
	settings available in each mode); Handle zoom: Fixed speed (Fast/Normal/	level settings available in each mode); Handle zoom: Fixed speed (Fast/Normal/	DC input	YES 2 Emm mini jack	YES
	Slow, 16 speed level settings available	Slow, 16 speed level settings available in	Remote Control Terminal Colour Bars	2.5mm mini jack YES (SMPTE)	2.5mm mini jack Type 1/Type 2 (EBU/SMPTE)
Focus control	in each mode) MANUAL: Lens ring, Touchscreen	each mode) Ring control or automatic (Instant AF,	MISC		
	LCD (Touch Focus, Touch and Track), Focus Preset	Medium AF, TV AF, Face Detection AF, Face Only AF)	Tally lamp Accessory shoe	YES YES (cold shoe)	YES (x2) YES (cold shoe)
	AUTO: Face Priority AF / Face Only AF /	race only Ar)	Custom key	YES (2 assignable buttons; select from	YES (10 assignable buttons; select from
Iris control	Instant AF / Medium AF / TV AF MANUAL: Custom dial control:	Ring control: Custom dial control: Full Auto	Custom Dial	9 functions) YES (Shutter Priority (Tv) Aperture	34 functions) YES (Iris, teleconverter, headphone
ins control	Touchscreen control	Thing control, castorn diar control, r di Adio	Castorin Diar	YES (Shutter Priority (Tv), Aperture Priority (Av), Manual Exposure, exposure compensation. AGC limit)	YES (Iris, teleconverter, headphone volume, Face AF, IR Lamp control)
Aperture range	AUTO: YES f1.8 - f8	f1.8 - f22	EXPOSURE	compensation, AGC limit)	
Filter diameter Lens elements/groups	58mm 12/10	58mm 12/10	Exposure metering	Centre-weighted average or segment	Standard (centre weighted), Spotlight,
Image stabilization	Optical lens shift system (angle & vector	Optical lens shift system (angle & vector movement detection); 3 modes: Dynamic,	Exposure range	evaluative (determined by shooting mode)	Backlight 50 - 100,000 lux
system	movement detection); 3 modes: Dynamic, Standard, Powered	movement detection); 3 modes: Dynamic, Standard, Powered	Exposure compensation	-2 to +2 EV (13 steps)	-2 to +2 EV (13 steps)
Digital zoom	2x	1.5x; 3x; 6x	Auto Exposure mode Push Auto Iris	Smart Auto, Face Detection AE	Full Auto No
IMAGE PROCESSOR	DIGIC DV III	DIGIC DV III	Exposure Lock	YES	- Full Auto / AGC On / Manual
RECORDING	Digie DV III	Didle DV III	Auto Gain Control setting Auto Gain Control limit	Full Auto / AGC On / Manual 0 to 24dB, 1dB increments (0 to 18dB in	3dB: 6dB: 9dB: 12dB: 15dB: 18dB: 21d
Video storage media	64GB built-in flash memory; SDXC/SDHC/	Type 1 Compact Flash memory cards	Gain setting	Cinema Mode) 0 to 24dB, 1dB increments	(OFF/24dB) Assignable L M H settings (-6dB / -3dB
	SD memory card (2 card slots); Double slot (simultaneous) recording and	(2 card slots); Double slot (simultaneous) recording and Relay (continuous)	Guilt Sciality		Assignable L, M, H settings (-6dB / -3dE / 0dB/ 3dB / 6dB/ 12dB / 18dB / 24dE / 33dB / TUNE (0.5 dB increments from
Туре	Relay (continuous) recording possible. <sup>1</sup> Class 4 or higher SDHC card required for	recording possible. <sup>1</sup> UDMA4, 30MB/s or faster (40MB/s or			0 to 24 dB)
	1920x1080 recording	faster for Fast/Slow recording)	SHUTTER SPEED		
Recording time	64GB internal memory or SDXC card: 5hrs 55mins (MXP mode, max. quality) <sup>1</sup>	32GB CF card: Up to 80mins (1080/50i @ 50 Mbps)	Control Modes	Full Auto / Manual control (touchscreen LCD or control dial)	Full Auto / Manual joystick control (Auto Speed: Angle: Clear Scan (CS): Slow
Descudios filo format	24hrs 30mins (LP mode, lowest quality)		51		Speed; Angle; Clear Scan (CS); Slow Shutter (SLS); IR Slow Shutter)
Recording file format Recording format	AVCHD high profile (MPEG4-AVC/H.264) AVCHD (all modes variable bit rate, 4:2:0	Material eXchange Format (MXF) MPEG-2 Long GOP	Shutter speed	1/6 to 1/2000 (depending on Scene Mode and frame rate)	1/18 to 1/2000 depending on frame ra
		50Mbps CBR (4:2:2) MPEG-2 422@HL:		-	11.25° to 360° depending on frame rat
	colour sampling) MXP: 1920v1080, 2//Mbps:	35Mbps VBP (//:2:0) MPEC=2 MP@HI:	Shutter Angle	1/2 to 1/500 (Low Light Scope Mede)	1/7 1/6 1/12 1/2E (depending on
	MXP: 1920x1080, 24Mbps:	50Mbps CBR (4:2:2) MPEG-2 422@HL; 35Mbps VBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@H14	Shutter Angle Slow Shutter (SLS)	1/2 to 1/500 (Low Light Scene Mode)	1/3, 1/6, 1/12, 1/25 (depending on frame rate)
	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps;	35Mbps VBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@H14	Shutter Angle Slow Shutter (SLS) Clear Scan	1/2 to 1/500 (Low Light Scene Mode) NO	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50i/p: 50 to 251.15Hz; 25p: 25 to
Decording frame rate	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps	25Mbps CBR (4:2:0) MPEG-2 MP@H14	Slow Shutter (SLS)	-	1/3, 1/6, 1/12, 1/25 (depending on frame rate)
Recording frame rate	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps;	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p;	Slow Shutter (SĽS) Clear Scan INFRARED Infrared shooting mode	NO YES (green or white)	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50i/p: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white)
Recording frame rate	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps 1920 x 1080/50i;	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 12920 x 1080/50i, 25p;	Slow Shutter (SĽS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp	NO	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50i/p: 50 to 251.15Hz; 25p: 25 to 251.15Hz
-	MXP: 1920x1080, 24Mbps; XP: 1920x1080, 17Mbps; XP:: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps 1920 x 1080/50i; 1920 x 1080/25p (50i recorded stream)	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 1280 x 720/50p, 25p; 1280 x 720/50p, 25p; 1280 x 720/50p, 25p; 55Mbps: 1440 x 1080/50i, 25p	Slow Shutter (SES) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE	NO YES (green or white) YES	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/0: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) YES
Recording frame rate Slow/Fast motion	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps 1920 x 1080/50i;	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YFS	Slow Shutter (SĽS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp	NO YES (green or white) YES Set 1. Set 2. Preset (Davlight Shade	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/07: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES YES A, B, Preset (Daylight, Tungsten),
-	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps 1920 x 1080/50i; 1920 x 1080/25p (50i recorded stream)	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES. 720p: 12, 15, 18, 20, 21, 22, 3, 24, 25, 26, 27, 28, 30, 33, 23, 43, 74, 45,	Slow Shutter (SLS) Clear Scan INFRARED Infrared Shoting mode Buoit-in IR lamp WHITE BALANCE Auto Preset	NO YES (green or white) YES	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50//p: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES
-	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps 1920 x 1080/50i; 1920 x 1080/25p (50i recorded stream)	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23,	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten , Fluorescent H, Fluorescent, Colour Temperature	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/19: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) YES A, B, Preset (Daylight, Tungsten), Colour Temperature
-	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps 1920 x 1080/50i; 1920 x 1080/25p (50i recorded stream)	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50/f5	Slow Shutter (SLS) Clear Scan INFRARED Infrared Shoting mode Buoit-in IR lamp WHITE BALANCE Auto Preset	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten , Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM
Slow/Fast motion	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; 5P: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps 1920 x 1080/S0i; 1920 x 1080/25p (50i recorded stream) NO	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES; 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES; 2, 6 or 12 frames, 25 time intervals YES; 2, 6 or 12 frames	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via
Slow/Fast motion	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; P: 1440x1080, 7Mbps; LP: 1440x1080, 7Mbps 1920 x 1080/S0i; 1920 x 1080/25p (50i recorded stream) NO NO NO YES (d seconds) YES. Up/down, left/right,	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 140 x 1080/50i, 25p; YES; 700; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 44, 50/ps; 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 44, 50/ps; 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 20, 27, 28, 20, 27, 28, 20, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR Jamp WHITE BALANCE AUTO Preset AUDIO Recording Control Microphone attenuation	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten , Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES A B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES
Slow/Fast motion Interval Record Frame Record re Record (cache record) Scan Reverse	MXP: 1920x1080, 24Mbps;       FXP: 1920x1080, 17Mbps;       XP+: 1440x1080, 12Mbps;       SP: 1440x1080, 7Mbps;       LP: 1440x1080, 7Mbps;       1920x1080, 7Mbps;       1920x1080, 7Mbps;       1920x1080, 7Mbps;       1920x1080, 7Mbps;       1920x1080, 7bip;       1920x1080/S0i;	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES; 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES; 2, 6 or 12 frames, 25 time intervals YES; 2, 6 or 12 frames	Slow Shutter (SLS) Clear Scan INFRARED Infrared Shooting mode Suit-In IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES YES 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle
Slow/Fast motion Interval Record Frame Record re Record (cache record)	MXP. 1920x1080, 24Mbps;       FXP. 1920x1080, 17Mbps;       XP+: 1440x1080, 12Mbps;       SP: 1440x1080, 7Mbps;       LP: 1440x1080, 7Mbps;       LP: 1440x1080, 7Mbps;       1920 x 1080/50i;       1920 x 1080/50i;       1920 x 1080/25p (50i recorded stream)       NO       NO       YES. (J seconds)       YES (J seconds)       YES (J up/down, left/right, up/down/left/right, image inversion       YE/during Jayback)       MOVIE & STLLS: Yes (internal memory	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 140 x 1080/50i, 25p; YES; 700; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 44, 50/ps; 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 44, 50/ps; 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 20, 27, 28, 20, 27, 28, 20, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR Jamp WHITE BALANCE AUTO Preset AUDIO Recording Control Microphone attenuation	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten , Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES A B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES
Slow/Fast motion Interval Record Frame Record Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer	MXP. 1920x1080, 24Mbps;       FXP. 1920x1080, 17Mbps;       XP+: 1440x1080, 17Mbps;       XP+: 1440x1080, 7Mbps;       LP: 1440x1080, 7Mbps;       1920 x 1080/50i;       1920 x 1080/25p (50i recorded stream)       NO       NO       YES. (J seconds)       YES. (J seconds)       YES. (J seconds)       YES. (J seconds)       YES. (J applyback)	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 140 x 1080/50i, 25p; YES; 700; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 44, 50/ps; 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 44, 50/ps; 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 20, 27, 28, 20, 27, 28, 20, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter Zoom Microphone	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES (customisable frequency response and directivity)	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/Jp: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES YES -
Slow/Fast motion Frame Record re Record Cache record) Scan Reverse HD->5D conversion Internal Data Transfer LCD Size	MXP. 1920x1080, 24Mbps;       FXP. 1920x1080, 17Mbps;       XP+ 1440x1080, 17Mbps;       XP+ 1440x1080, 7Mbps;       LP: 1440x1080, 5Mbps       1920 x 1080/25p (501 recorded stream)       NO       VS       VS (3 seconds)       YES (10µfown, left/right, up/down/left/right image inversion       YES (during Jayback)       MOVIE & STILLS: Yes (internal memory to card, card to card)       8.8cm (3.5°), 100% view	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES. 2, 6 or 12 frames, 25 time intervals YES. 2, 6 or 12 frames, 25 time intervals YES (3 seconds) YES. Up/down, left/right, up/down/left/right image inversion - -	Slow Shutter (SLS) Clear Scan INFRARED Infrared Shooting mode Suit-In IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES (customisable frequency response and directivity) Wide Converter WD-HSSW, Teleconverter TL-HS8. SBm less filters. Batteries	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - Wide Converter WD-HS8W, Teleconvert Tu-H58, Batteries BP-930, BP-945,
Slow/Fast motion Interval Record Frame Record e Record (cache record) Scan Reverse HD>SD conversion Internal Data Transfer LCD Size Dots Dots	MXP. 1920x1080, 24Mbps;       FXP. 1920x1080, 17Mbps;       XP+: 1440x1080, 17Mbps;       XP+: 1440x1080, 7Mbps;       LP: 1440x1080, 5Mbps       1920 x 1080/25p (50i recorded stream)       NO       NO       YES       VES Up/down, left/right;       up/down/left/right;       up/down/left/right;       VES (during payback)       MOVIE & STILLS: Yes (internal memory to card, card to card)       8.8cm (3.5°), 100% view       922,000	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50/ps 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 24, 25/ps YES, 26 or 12 frames, 25 time intervals YES (3 seconds) YES, 0p/down, left/right, up/down/left/right image inversion - -	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter Zoom Microphone	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES Cloustomisable frequency response and directivity) Wide Converter WD-H58W, Teleconverter TL-H58, SBm lens filters, Batteries BP-806/BP-817/BP-827, Battery Charger CG-800, Vide Light VL Lill, Remote	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES YES 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - Wide Converter WD-H58W, Teleconvert TL-H58, Batteries BP-930, BP-945, BP-955, BP-975, BP-930, BP-945, BP-930, BP-945, BP-930, BP-945, BP-930, BP-945, BP-950, BP-945, BP-950, BP-945, BP-950, BP-930, BP-945, BP-950, B
Slow/Fast motion Interval Record Frame Record e Record (cache record) Scan Reverse HD>SD conversion Internal Data Transfer Dets Image quality adjustments	MXP. 1920x1080, 24Mbps;       FXP. 1920x1080, 17Mbps;       XP+: 1440x1080, 17Mbps;       XP+: 1440x1080, 7Mbps;       LP: 1440x1080, 5Mbps       1920 x 1080/25p (50i recorded stream)       NO       NO       YES (J seconds)       YES. Up/down, left/right, up/down/left/right, image inversion       YES (Jurg Jayback)       MOVIE & STILS; Yes (internal memory to card, card to card)       8.8cm (3.5°), 100% view       922,000       Brightness, backlight	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES, 720p: 12, 15, 18, 20, 21, 22, 23, 24, 48, 50/ps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 24, 25/ps YES, 26 or 12 frames, 25 time intervals YES (3 seconds) YES, 0p/down, left/right, up/down/left/right image inversion - - 8.8cm (3.5°), 100% view 920000 Brightness, contrast, colour, sharpness, backlight, black & white	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter Zoom Microphone	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dial YES YES (customisable frequency response and directivity) Wide Converter WD-HS8W, Teleconverter TL-HS8, S8mm lens filters, Batteries BP-808/RP-919/BP827, Battery Charger CG-800, Video Light VL Li II, Remoter Control Actob (Convoltance)	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - Wide Converter WD-H58W, Teleconvert TL-H58, Batteries BP-930, BP-945, BP-955, Compact Power Adapter CA-920, Comp Car adapter CB-920, DC Coupler DC-95
Slow/Fast motion Interval Record Frame Record e Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer Size Dots Size Dots Image quality	MXP: 1920x1080, 24Mbps;       FXP: 1920x1080, 17Mbps;       XP+: 1440x1080, 17Mbps;       XP+: 1440x1080, 7Mbps;       LP: 1440x1080, 5Mbps       1920 x 1080/25p (501 recorded stream)       NO       VE       VES (J seconds)       YES. (Jp/down/left/right, up/down/left/right image inversion       YES (during payback)       MOVE (a \$511LS; Yes (internal memory to card, card to card)       8.8cm (3.5°), 100% view       922,000       Brightness, backlight       YES (270 degree rotation about	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 48, 50fps 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 36, 32, 34, 37, 42, 45, 48, 48, 50fps 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 34, 37, 42, 45, 48, 48, 50fps 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 26, 27, 26, 27, 27, 28, 27, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter Zoom Microphone	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES Cloustomisable frequency response and directivity) Wide Converter WD-H58W, Teleconverter TL-H58, SBm lens filters, Batteries BP-806/BP-817/BP-827, Battery Charger CG-800, Vide Light VL Lill, Remote	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - Wide Converter WD-H58W, Teleconvert TL-H58, Batteries BP-930, BP-945, BP-950C, BP-970G, BP-945, BP-950C, GM-970G, BP-945, Compact Power Adapter CA-920, Comp Car adapter CB-920, DC Coupler DC-92 Shoulder Brace SBR-1000, Tripod Adapt TA-100, Zoom Remote Control ZR-200C
Slow/Fast motion Interval Record Frame Record e Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer Dats Image quality adjustments Adjustable Waveform Monitor	MXP. 1920x1080, 24Mbps;       FXP. 1920x1080, 17Mbps;       XP+ 1440x1080, 17Mbps;       XP+ 1440x1080, 7Mbps;       LP. 1440x1080, 5Mbps       1920 x 1080/25p (501 recorded stream)       NO       VE       VES (J seconds)       YES. Up/down, left/right, up/down/left/right image inversion YES (during playback)       MOVIE & STILLS: Yes (internal memory to card, card to card)       8.8cm (3.5°), 100% view 922,000       Brightness, backlight       YES (270 degree rotation about horizontal axis)       YES	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES. 2, 6 or 12 frames, 25 time intervals YES. 2, 6 o	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting Roder Built-in IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter Zoom Microphone ACCESSORIES Optional	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten , Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES (customisable frequency response and directivity) Wide Converter WD-HS8W, Teleconverter TL-HS8, SBmm lens filters, Batteries BP-806/BP-815/BP-827, Battery Charger CG-800, Vide Light VL Lill, Remote Control ZR-2000, Component Cable CTC-100, HMI cable HTC-100, Wireless	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - - Wide Converter WD-HS8W, Teleconvert Tu-H58, Batteries BP-930, BP-945, BP-950C, BP-970C, BP-955, BP-975, Compact Power Adapter C4-920, Comp Car adapter C8-920, DC Coupler DC-920 Shoulder Brace SBR-1000. Tipod Adapt
Slow/Fast motion Interval Record Frame Record e Record (cache record) Scan Reverse HD>SD conversion Internal Data Transfer Dots Dots Dots adjustments Adjustable Waveform Monitor Focus Assist	MXP. 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 7Mbps; 1920 x1080/S0i; 1920 x1080/S0i; 1920 x1080/Z5p (50i recorded stream) NO NO NO YES (3 seconds) YES (4000, 164/right, up/down/left/right image inversion YES (2400, 194/right, 194/right, 194/right/ yES (240, 194/right, 194/right, 194/right/ to card, card layback) MOVIE & STILLS; Yes (internal memory to card, card to card) 8.8cm (3.5°), 100% view 922,000 Brightness, backlight YES (270 degree rotation about horizontal axis) YES	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES. 2, 6 or 12 frames, 25 time intervals YES. 2, 6 o	Slow Shutter (SLS) Clear Scan INFRARED Infrared should ing mode Built-in I lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone attenuation Microphone attenuation Microphone attenuation Microphone Scan Scan Scan Scan Scan Scan Scan Scan	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten , Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES (customisable frequency response and directivity) Wide Converter WD-HS8W, Teleconverter TL-HS8, SBmm lens filters, Batteries BP-806/BP-815/BP-827, Battery Charger CG-800, Vide Light VL Lill, Remote Control ZR-2000, Component Cable CTC-100, HMI cable HTC-100, Wireless	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - Wide Converter WD-H58W, Teleconvert TL-H58, Batteries BP-930, BP-945, BP-950C, BP-970G, BP-945, BP-950C, GM-970G, BP-945, Compact Power Adapter CA-920, Comp Car adapter CB-920, DC Coupler DC-92 Shoulder Brace SBR-1000, Tripod Adapt TA-100, Zoom Remote Control ZR-200C
Slow/Fast motion Frame Record Frame Record e Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer Dats Image quality adjustments Adjustable Waveform Monitor	MXP. 1920x1080, 24Mbps;       FXP. 1920x1080, 17Mbps;       XP+: 1440x1080, 17Mbps;       XP+: 1440x1080, 7Mbps;       LP: 1440x1080, 5Mbps       1920 x 1080/25p (50i recorded stream)       NO       NO       YES       VES (Jaconds)       YES. (Jaconds)       YES (Jaconds) <tr< td=""><td>25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES, 720p12, 15, 18, 20, 21, 22, 23, 24, 48, 50/p5 1080p2 12, 15, 18, 20, 21, 22, 23, 24, 24, 26 or 12 frames, 25 time intervals YES. (26 or 12 frames, 25 time intervals YES, 26 or 12 frames, 25 time intervals YES, 2000 Brightness, contrast, colour, sharpness, backlight, black &amp; white Yes (270 degree rotation about horizontal avis) YES Peaking 1, Magnifying; Edge Monitor (using waveform display)</td><td>Slow Shutter (SLS) Clear Scan INFRARED Infrared shouling mode Built-in IR Jamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone attenuation Micropho</td><td>NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES YES (customisable frequency response and directivity) Wide Converter WD-H58W, Teleconverter TL-H58, SBm lens filters, Batteries BP-800/BP-819/BP-827, Battery Charger CG-800, Vide Light VL Lill, Remote Control ZR-2000, Component Cable CTC-100, HOIL cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3.2W<sup>2</sup></td><td>1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - - Wide Converter WD-H58W, Teleconvert TL+H58, Batteries BP-308, BP-945, Gompact Power Adapter CA-920, Comp Car dagter CB-920, DC Coupler DC-925 Shoulder Brace SBR-1000, Tipod Adapt TA-100, Zoom Remote Control ZR-2000 Video Light VL-10Li II, Tripod Base TB-1 Lithium coin battery (built-in) 5.1W<sup>1</sup></td></tr<>	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES, 720p12, 15, 18, 20, 21, 22, 23, 24, 48, 50/p5 1080p2 12, 15, 18, 20, 21, 22, 23, 24, 24, 26 or 12 frames, 25 time intervals YES. (26 or 12 frames, 25 time intervals YES, 26 or 12 frames, 25 time intervals YES, 2000 Brightness, contrast, colour, sharpness, backlight, black & white Yes (270 degree rotation about horizontal avis) YES Peaking 1, Magnifying; Edge Monitor (using waveform display)	Slow Shutter (SLS) Clear Scan INFRARED Infrared shouling mode Built-in IR Jamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone attenuation Micropho	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES YES (customisable frequency response and directivity) Wide Converter WD-H58W, Teleconverter TL-H58, SBm lens filters, Batteries BP-800/BP-819/BP-827, Battery Charger CG-800, Vide Light VL Lill, Remote Control ZR-2000, Component Cable CTC-100, HOIL cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3.2W <sup>2</sup>	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - - Wide Converter WD-H58W, Teleconvert TL+H58, Batteries BP-308, BP-945, Gompact Power Adapter CA-920, Comp Car dagter CB-920, DC Coupler DC-925 Shoulder Brace SBR-1000, Tipod Adapt TA-100, Zoom Remote Control ZR-2000 Video Light VL-10Li II, Tripod Base TB-1 Lithium coin battery (built-in) 5.1W <sup>1</sup>
Slow/Fast motion Interval Record Frame Record Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer Dots Size Dots adjustments Adjustable Waveform Monitor Focus Assist	MXP. 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 7Mbps; 1920 x1080/S0i; 1920 x1080/S0i; 1920 x1080/Z5p (50i recorded stream) NO NO NO YES (3 seconds) YES (4000, 164/right, up/down/left/right image inversion YES (2400, 194/right, 194/right, 194/right/ yES (240, 194/right, 194/right, 194/right/ to card, card layback) MOVIE & STILLS; Yes (internal memory to card, card to card) 8.8cm (3.5°), 100% view 922,000 Brightness, backlight YES (270 degree rotation about horizontal axis) YES	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES, 720p 12, 15, 18, 20, 21, 22, 23, 24, 48, 50/ps 1080p; 12, 15, 18, 20, 21, 22, 23, 24, 24, 25/ps YES, 26 or 12 frames, 25 time intervals YES, 26 or 12 frames, 26 time intervals YES, 26 or 12 frames, 26 time intervals YES, 27 of equation intervals 9 Peaking 2 (Colour, Gain, Frequency customisable for each) Level 1; Level 2; Both; YES, 26 or 26 time intervals YES, 27 of the exist 27, 26 time intervals YES, 27 of the exist 26 time intervals YES, 28 time interva	Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter Zoom Microphone ACCESSORIES Optional	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES (customisable frequency response and directivity) Wide Converter WD-HSBW, Teleconverter TH-HSB, S@mm lens filters, Batteries B - 0000, Video Light V-27, Battery Garger CG-000, ZN-2000, Video Light V-27, Battery Sarger CG-000, Video Light V-11, Remote CG-000, R	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50//p: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - Wide Converter WD-H58W, Teleconvert TL-H58, Batteries BP-930, BP-945, BP-950G, BP-970G, BP-955, BP-975, Compact Power Adapter CA-920, Comp Car Adapter CB-920, DC Coupler DC-920 Shoulder BP-930, DC Oupler DC-920 Shoulder Bace SBR-1000, fripod Aast B-1 Urideo Light VL-1001 II, fripod Aast B-1 Lithium coin battery (built-in) 5, UM <sup>2</sup>
Slow/Fast motion Interval Record Frame Record e Record (cache record) Scan Reverse HD>SD conversion Internal Data Transfer Dots Dots Dots adjustments Adjustments Adjustable Waveform Monitor Focus Assist Peaking	MXP. 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 7Mbps; 1920 x1080/S0i; 1920 x1080/S0i; 1920 x1080/Z5p (50i recorded stream) NO NO NO YES (during playback) MOVIE & STILLS; Yes (internal memory to card, card playback) MOVIE & STILLS; Yes (internal memory to card, card to card) 8.8cm (3.5°), 100% view 922,000 Brightness, backlight YES (270 degree rotation about horizontal axis) YES	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES. 2, 6 or 12 frames, 25 time intervals YES. 2, 6 o	Slow Shutter (SLS) Clear Scan INFRARED Infrared shotting mode Built-in IR lamp WHITE BALANCE AUDIO Recording Control Microphone attenuation Microphone attenuation Microphone attenuation Microphone Revel meter Zoom Microphone ACCESSORIES Optional BATTERY Backup power Supply Power Consumption Continuous Recording	NO YES (green or white) YES SET 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio Limiter, Auto/manual settings via control dials on handle YES YES (customisable frequency response and directivity) Wide Converter WD-HS8W, Teleconverter TL-HS8, S8mm lens filters, Batteries BP-808/IB-919(PP-827, Battery Charger CG-800, Video Light YL Li II, Remote Control Area Joy Response BP-808/IB-919(PP-827, Battery Charger CG-800, Video Light YL Li II, Remote Control ZR-2000, Component Cable CTC-100, HDMI cable HTC-100, Wireless Microphone WM-V1.	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES YES 
Slow/Fast motion Interval Record Frame Record e Record (cache record) Scan Reverse HD>SD conversion Internal Data Transfer Dots Dots Dots adjustments Adjustments Adjustable Waveform Monitor Focus Assist Peaking Zebra	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; SP: 1440x1080, 7Mbps; 1920 x1080, 7Mbps 1920 x1080/S0i; 1920 x1080/S0i; 1920 x1080/Z5p (50i recorded stream) NO NO NO YES (down, left/right, timage inversion YES (during playback) MOVIE & STILLS; Yes (internal memory to card, card playback) MOVIE & STILLS; Yes (internal memory to card, card to card) 8.8cm (3.5'), 100% view 922,000 Brightness, backlight YES (270 degree rotation about horizontal axis) YES Peaking; Magnifying; Edge Monitor (using waveform display) YES	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; YES. 720p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 49, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES. 2, 6 or 12 frames, 25 time intervals YES.	Slow Shutter (SLS) Clear Scan INFRARED Infrared should ing Mode Built-in IR Jamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone level meter Zoom Microphone ACCESSORIES Optional Backup power supply Power Consumption Continuous Recording	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES (customisable frequency response and directivity) Wide Converter WD-HS8W, Teleconverter TL-HS8, SBmm lens filters, Batteries BP-806/BP-819/BP-827, Battery Charger CG-800, Vide Uight VL Lill, Remote Control ZR-2000, Component Cable CTC-100, HNIC cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3,2W <sup>2</sup> Supplied BP-808: Approx. 110 minutes <sup>2</sup> Optional BP-827: Approx. 345 minutes <sup>2</sup>	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - - Wide Converter WD-HS8W, Teleconvert TL-H58, Batteries BP-300, BP-945, BP-950G, BP-970G, BP-955, BP-975, Compact Power Adapter CA-920, Comp Car adapter CB-920, DC Coupler DC-920 Shoulder Brace SBR-1000, Tipod Adapt TA-100, Zoom Remote Control ZR-2000 Video Light VL-10Lil, Tripod Base TB-1. Lithium coin battery (built-in) 5.1W <sup>5</sup> Supplied BP-925: Approx. 205 minutes <sup>3</sup> Optional BP-975: Approx. 205 minutes <sup>3</sup>
Slow/Fast motion Interval Record Frame Record Re Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer <b>LCD</b> Dots Image quality adjustments Adjustable Waveform Monitor Focus Assist Peaking Zebra	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; SP: 1440x1080, 7Mbps; 1920 x1080, 7Mbps 1920 x1080/S0i; 1920 x1080/S0i; 1920 x1080/Z5p (50i recorded stream) NO NO NO YES (down, left/right, timage inversion YES (during playback) MOVIE & STILLS; Yes (internal memory to card, card playback) MOVIE & STILLS; Yes (internal memory to card, card to card) 8.8cm (3.5'), 100% view 922,000 Brightness, backlight YES (270 degree rotation about horizontal axis) YES Peaking; Magnifying; Edge Monitor (using waveform display) YES	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES, 720p12, 15, 18, 20, 21, 22, 23, 24, 48, 50/p5 1080/51, 21, 15, 18, 20, 21, 22, 23, 24, 24, 25, 26 or 12 frames, 25 time intervals YES, 2000 Brightness, contrast, colour, sharpness, backlight, black & white YeS (270 degree rotation about horizontal avis) YES Peaking; Kagnifying; Edge Monitor (using waveform display) Peaking; Cololur, Gain, Frequency customisable for each) Level 1; Level 2; Both; Output via HDMI On/Off (Appet ratio, Safe area, Grid,	Slow Shutter (SLS) Clear Scan Infrared shoting Roder Built-in IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone attenuation Microphone attenuation Microphone attenuation Microphone attenuation Microphone Control Backup power Supply Power Consumption Continuous Recording MISCELLANEOUS Dimensions Detachable handle	NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48kHz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES YES (customisable frequency response and directivity) Wide Converter WD-HS8W, Teleconverter TL-HS8, SBmm lens filters, Batteries BP-806/BP-819/BP-827, Battery Charger CG-800, Vide Light VL Lill, Remote Control ZR-2000, Component Cable CTC-100, HDMI cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3,2W <sup>2</sup> Supplied BP-808: Approx. 110 minutes <sup>2</sup> Optional BP-827: Approx. 345 minutes <sup>2</sup> Approx 130 x 177 x 205mm (including lens hood and microphone holder) YES	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES YES - Wide Converter WD-H58W, Teleconvert Tu-H58, Batteries BP-930, BP-945, BP-950C, BP-970C, BP-955, BP-975, Compact Power Adapter CA-920, Comp Car Adapter CB-920, DC Coupler DC-920 Shoulder Brace SBR-1000, Tipod Adapt TA-100, Zoom Remote Control ZR-2000 Video Light VL-10U II, Tripod Base TB-1. Lithium coin battery (built-in) 5.1W <sup>4</sup> Supplied BP-925: Approx. 635 minutes <sup>4</sup> Optional BP-975: Approx. 635 minutes <sup>4</sup> Approx 139 x 191 x 268mm (including lens hood and microphone holder)
Slow/Fast motion Interval Record Frame Record Re Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer <b>LCD</b> Dots Image quality adjustments Adjustable Waveform Monitor Focus Assist Peaking Zebra	MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; XP+: 1440x1080, 17Mbps; SP: 1440x1080, 7Mbps; 1920 x1080, 7Mbps 1920 x1080/S0i; 1920 x1080/S0i; 1920 x1080/Z5p (50i recorded stream) NO NO NO YES (down, left/right, timage inversion YES (during playback) MOVIE & STILLS; Yes (internal memory to card, card playback) MOVIE & STILLS; Yes (internal memory to card, card to card) 8.8cm (3.5'), 100% view 922,000 Brightness, backlight YES (270 degree rotation about horizontal axis) YES Peaking; Magnifying; Edge Monitor (using waveform display) YES	25Mbps CBR (4:2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p YES, 720p12, 15, 18, 20, 21, 22, 23, 24, 48, 50/p5 1080/51, 21, 15, 18, 20, 21, 22, 23, 24, 24, 25, 26 or 12 frames, 25 time intervals YES, 2000 Brightness, contrast, colour, sharpness, backlight, black & white YeS (270 degree rotation about horizontal avis) YES Peaking; Kagnifying; Edge Monitor (using waveform display) Peaking; Cololur, Gain, Frequency customisable for each) Level 1; Level 2; Both; Output via HDMI On/Off (Appet ratio, Safe area, Grid,	Slow Shutter (SLS) Clear Scan INFRARED Infrared shoting mode Built-in II amp WHITE BALANCE AUDIO Recording Control Microphone attenuation Microphone ettenuation Microphone ettenuation Microphone Evel meter Zoom Microphone ACCESSORIES Optional Backup power Supply Power Consumption Power Consumption Continuous Recording MISCELLANEOUS Dimensions	NO YES (green or white) YES SET 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature Dolby Digital 2ch (AC-3 2ch), 48Hz sampling Audio limiter, Auto/manual settings via control dials on handle YES YES (Customisable frequency response and directivity) Wide Converter WD-HS8W, Teleconverter TL-HS8, S8mm lens filters, Batteries BP-808/IB-919(PP-827, Battery Charger CG-800, Video Light VL Li II, Remote Control ZA-2000, Component Cable CTC-100, HDMI cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3.2W <sup>2</sup> Supplied BP-808: Approx. 345 minutes <sup>2</sup> Optional BP-627: Approx.345 minutes <sup>2</sup>	1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES YES YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle YES - - Wide Converter WD-H58W, Teleconverter Wide Converter WD-H58W, Teleconverter Tu-H58, Batteries BP-930, BP-945, BP-950G, BP-970G, BP-955, BP-975, Compact Power Adapter CA-920, Comp Car adapter CB-920, DC Coupler DC-920 Shoulder Brace SBR-1000, Tipod Adapt TA-100, Zoom Remote Control ZR-2000 Video Light VL-10Li II, Tripod Base TB-1. Lithium coin battery (built-in) 5. TW <sup>5</sup> Supplied BP-925: Approx. 635 minutes <sup>5</sup> Approx 139 x 191 x 268mm (including

1. Recording for more than 12 hours continuously is not possible 2. MXP mode, using EVF 3. 50Mbps CBR mode, using EVF

All data is based on Canon's standard testing methods. Specifications are subject to change without notice. <sup>™</sup> and ©: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

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