

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.









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	✓	/
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
Customisation	2 assignable buttons	Custom Picture; Custom Function; Custom Display 10 assignable buttons
3D Assist Functions	-	✓
Infrared mode	✓	✓





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.

FEATURES

- 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

- 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



An unprecedented combination of versatility and Full HD image quality







XA10 XF100

IMAGE SENSOR		
Sensor System Total pixels per sensor Effective pixels per sensor Minimum illumination	1./3 type HD CMOS Pro Bayer pattern filter 2.37 megapixels 2.07 megapixels Auto: 1.3 lux (with Auto Slow Shutter) Slow Shutter: 0.1 lux	1/3 type CMOS Bayer pattern filter 2.37 megapixels 2.07 megapixels Full Auto (24dB gain), 50i/25p: 3.8 lux / 1.9 lux Manual mode (33dB gain), 50i/25p: 1.3lux / 0.7 lux
Horizontal Resolution	900 TV lines or more (1920 x 1080i mode)	900 TV lines or more (1920 x 1080i mode)
LENS		
Zoom ratio Focal length Minimum focus distance	10x 4.25 - 42.5mm (35mm equivalent: 30.4 - 304mm) 60cm (throughout zoom range);	10x 4.25 - 42.5mm (35mm equivalent: 30.4 - 304mm) 60cm (throughout zoom range);
ND filter Zoom control	20mm (wide angle) Built-in gradation filter (Auto or Off) Slider or Handle; Selectable Shockless Zoom mode.	20mm (wide angle) Built-in gradation filter (Auto or Off) Ring, Rocker or Handle; Selectable Shockless Zoom mode
Zoom speed Focus control	Zoom Slider: Variable speed/Fixed speed (Fast/Normal/Slow, 16 speed level settings available in each mode); Handle zoom: Fixed speed (Fast/Normal/Slow, 16 speed level settings available in each mode) MANUAL: Lens ring, Touchscreen LCD (Touch Focus, Touch and Track),	Zoom Rocker: Variable speed/Fixed speed (Faxt/Normal/Slow, 16 speed level settings available in each mode); Handle zoom: Fixed speed (Fast/Normal/Slow, 16 speed level settings available in each mode) Ring control or automatic (Instant AF, Medium AF, TV AF, Face Detection AF,
Iris control	Focus Preset AUTO: Face Priority AF / Face Only AF / Instant AF / Medium AF / TV AF MANUAL: Custom dial control; Touchscreen control	Face Only AF) Ring control; Custom dial control; Full Auto
Aperture range Filter diameter Lens elements/groups	AUTO: YES f1.8 - f8 58mm 12/10	f1.8 - f22 58mm 12/10
Image stabilization system	Optical lens shift system (angle & vector movement detection); 3 modes: Dynamic, Standard, Powered	Optical lens shift system (angle & vector movement detection); 3 modes: Dynamic, Standard, Powered
Digital zoom	2x	1.5x; 3x; 6x
IMAGE PROCESSOR	DIGIC DV III	DIGIC DV III
Type RECORDING	Bidic BV III	Bidic BV III
Video storage media	64GB built-in flash memory; SDXC/SDHC/	Type 1 Compact Flash memory cards
video storage media	SD memory card (2 card slots); Double slot (simultaneous) recording and	(2 card slots); Double slot (simultaneous) recording and Relay (continuous)
Type Recording time	Relay (continuous) recording possible. 1 Class 4 or higher SDHC card required for 1920x1080 recording 64GB internal memory or SDXC card: 5hrs 55mins (MXP mode, max. quality) 1	recording possible. ¹ UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i @ 50 Mbps)
	Relay (continuous) recording possible.¹ Class 4 or higher SDHC card required for 1920x1080 recording 64GB internal memory or SDMC card: 5hrs 55mins (MXP mode, lowest quality)¹ 24hrs 30mins (LP mode, lowest quality)¹ AVCHD tigh profile (MPEG-4AVCH-1264) AVCHD tall modes variable bit rate, 4:2:0 colour sampling) MXP. 1920x1080, 24Mbps; XPs. 1920x1080, 17Mbps; XPs. 1440x1080, 12Mbps; SP. 1440x1080, 17Mbps;	recording possible. ¹ UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i
Recording time	Relay (continuous) recording possible.¹ Class 4 or higher SDHC card required for 1920x1080 recording 64GB internal memory or SDXC card: Shrs 55mins (MXP mode, lowest quality)¹ 24hrs 30mins (LP mode, lowest quality)¹ AVCHD high profile (MPEG-AVC/H.264) AVCHD (all modes variable bit rate, 4:2:0 colour sampling) MXP. 1920x1080, 24Mbps; FXP. 1920x1080, 17Mbps:	recording possible. ¹ UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOD; SOMbps 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@HL4 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p;
Recording time Recording file format Recording format	Relay (continuous) recording possible.¹ (Lass 4 or higher SDHC card required for 1920x1080 recording 64GB internal memony or SDXC card: Shrs S5mins (MXP mode max quality)¹ 24hrs 30mins (IP mode) lowest quality)¹ AVCHD high profile (MPEC4-aVC/H.264) AVCHD (all modes variable bit rate, 4:2:0 colour sampling) MXP: 1920x1080, 17Mbps; XP: 1440x1080, 17Mbps; XP: 1440x1080, 17Mbps; EP: 1440x1080, 7Mbps; IP: 1440x1080, 5Mbps 1920x 1080s/50i;	recording possible." UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOP 50Mbps CBR (4:2:0) MPEG-2 422@HL; 35Mbps WBR (4:2:0) MPEG-2 MP@H1; 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; 25Mbps: 1440 x 1080/50i, 25p; 25Mbps: 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 22, 83, 03, 234, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23,
Recording time Recording file format Recording format Recording frame rate Slow/Fast motion Interval Record Frame Record Pre Record (cache record) Scan Reverse	Relay (continuous) recording possible.¹ (Class 4 or higher SDHC card required for 1920x1080 recording 6 64G8 internal memony or SDXC card: Shrs 55mins (MXP mode, max, quality)¹ 24hrs 30mins (JP mode, lowest quality)¹ AVCHD high profile (MPEG4-AVC/H.264) AVCHD (all modes variable bit rate, 4:2:0 colour sampling) MXP. 1920x1080, 24Mbps; FXP. 1920x1080, 24Mbps; FXP. 1920x1080, 17Mbps; FXP. 1440x1080, 17Mbps; FP. 1440x1080, 17Mbps; FP. 1440x1080, 17Mbps; FP. 140x1080, 5Mbps 1920 x 1080/25p (50i recorded stream) NO NO NO NO NO NO NO VES. (3 seconds) YES. (Jy/down, left/right, up/rodwn/left/right image inversion	recording possible. ² UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOP 50Mbps CBR (4:2:0) MPEG-2 422@HL; 35Mbps VBR (4:2:0) MPEG-2 MP@H1, 25Mbps CBR (4:2:0) MPEG-2 MP@H1, 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 1280 x 720/50p, 25p; 1280 x 720/50p, 25p; 1280 x 720/50p, 32p;
Recording time Recording file format Recording format Recording frame rate Slow/Fast motion Interval Record Frame Record Pre Record (cache record) Cache record HD->SD conversion Internal Data Transfer	Relay (continuous) recording possible.' (Lass 4 or higher SDHC and required for 1920x1080 recording 64GB internal memory or SDXC card: Shrs S5mins (MXP mode, max quality). 24hrs 30mins (IP mode, lowest quality). 124hrs 30mins (IP mode, lowest quality). 125hrs 125hrs 125hrs. 125hrs 125hrs. 125hrs 125hrs. 125hrs 125hrs. 1	recording possible.¹ UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOP 50Mbps CBR (4-2:0) MPEG-2 42/2@HL; 35Mbps VBR (4-2:0) MPEG-2 4P/2@HL; 25Mbps CBR (4-2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 33Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p
Recording time Recording file format Recording format Recording format Recording frame rate Slow/Fast motion Interval Record Frame Record Pre Record (Zache record) Scan Reverse HD->SD conversion Internal Data Transfer	Relay (continuous) recording possible.¹ (Class 4 or higher SDHC card required for 1920x1080 recording 6 64G8 internal memony or SDXC card: Shrs 55mins (MXP mode, max. quality)¹ 24hrs 30mins (JP mode, lowest quality)¹ AVCHD high profile (MPEG4-AWC/H.264) AWCHD (all modes variable bit rate, 4:2:0 colour sampling) MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 12Mbps; FXP: 1920x1080, 17Mbps; FXP: 1440x1080, 17Mbps; FP: 1440x1080, 17Mbps; FP: 1440x1080, 17Mbps; FP: 140x1080, 17Mbps; FP: 140	recording possible." JUDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32/GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOP 50Mbps CBR (4:2:0) MPEG-2 422@HL; 35Mbps WBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@HL4 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1250 x 2075/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1250, 25, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50fps 1080p: 12, 15, 18, 20, 21, 22, 23, 24, 25fps YES. (25 cor 12 frames, 25 time intervals YES (3 seconds) YES. (9/down, left/right, up/down/left/right image inversion
Recording time Recording file format Recording format Recording frame rate Slow/Fast motion Interval Record Frame Record Pre Record (cache record) Cache record HD->SD conversion Internal Data Transfer	Relay (continuous) recording possible.¹ (Class 4 or higher SDHC card required for 1920x1080 recording 6 64G8 internal memony or SDXC card: Shrs 55mins (MXP mode, max, quality)¹ 24hrs 30mins (JP mode, lowest quality)¹ AVCHD lail modes variable bit rate, 4:2:0 colour sampling) MXP: 1920x1080, 24Mbps; FXP: 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; FXP: 1440x1080, 17Mbps; FP: 1440x1080, 17Mbps; P1: 1440x1080, 17Mbps; P1: 140x1080, 17Mbps;	recording possible.¹ UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOP 50Mbps CBR (4-2:0) MPEG-2 42/2@HL; 35Mbps VBR (4-2:0) MPEG-2 4P/2@HL; 25Mbps CBR (4-2:0) MPEG-2 MP@H14 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 33Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p
Recording time Recording file format Recording file format Recording format Recording frame rate Slow/Fast motion Interval Record Frame Record Pre Record (cache record) Scan Reverse HD>SD conversion Internal Data Transfer LCD Size Dots Image quality adjustments Adjustable	Relay (continuous) recording possible.¹ (Class 4 or higher SDHC card required for 1920x1080 recording 64GB internal memory or SDXC card: Shrs 55mins (MXP mode, max. quality)¹ 24hrs 30mins (IP mode, lowest quality)¹ AVCHD lail modes variable bir iate, 4:2:0 colour sampling) AWCHD (All modes variable bir iate, 4:2:0 colour sampling) AWCH 1920x1080, 24Mbps; FXP: 1920x1080, 17Mbps; FXP: 1440x1080, 17Mbps; FXP: 1440x1080, 17Mbps; FVP: 140x1080, 17Mbps; FV	recording possible.¹ UDMA4, 30mM/s or faster (40MB/s or faster for Fast/Slow recording) 32/GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOP 50Mbps CBR (4:2:2) MPEG-2 422@HL; 35Mbps WBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@HL4 50Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 2
Recording time Recording file format Recording file format Recording format Recording frame rate Slow/Fast motion Interval Record Frame Record Pre Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer LCD Size Dots Image quality adjustments Adjustable Waveform Monitor Focus Assist Peaking	Relay (continuous) recording possible.¹ (Class 4 or higher SDHC card required for 1920x1080 recording 6 64G8 internal memory or SDXC card: Shrs 55mins (MXP mode, max, quality)¹ 24hrs 30mins (IP mode, lowest quality)¹ AVCHD high profile (MPEG4-AVC/H.264) AVCHD (all modes variable bit rate, 4:2:0 colour sampling) MXP. 1920x1080, 24Mbps; FXP. 1920x1080, 24Mbps; FXP. 1920x1080, 24Mbps; FXP. 1920x1080, 17Mbps; FXP. 1440x1080, 17Mbps; FXP. 1440x1081, 17Mbps; FXP. 1440x1080, 17Mbps; FXP. 1440x1081, 17Mbps; FXP.	recording possible.¹ UDMA4, 30MB/s or faster (40MB/s or faster for Fast/Slow recording) 32/GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEG-2 Long GOP 50Mbps CBR (4:2:0) MPEG-2 422@HL; 35Mbps WBR (4:2:0) MPEG-2 4P@HL; 25Mbps CBR (4:2:0) MPEG-2 MP@HL; 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; 25Mbps: 1440 x 1080/50i, 25p; 1250 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 1280 x 720/50p, 25p; 25Mbps: 1440 x 1080/50i, 25p; 25M
Recording time Recording file format Recording file format Recording format Recording frame rate Slow/Fast motion Interval Record Frame Record Pre Record (cache record) Scan Reverse HD->SD conversion Internal Data Transfer LCD Size Dots Image quality adjustments Adjustable Waveform Monitor Focus Assist	Relay (continuous) recording possible.¹ (Lass 4 or higher SDHC card required for 1920x1080 recording 6 64G8 internal memory or SDXC card: Shrs 55mins (MXP mode, max, quality)¹ 24hrs 30mins (IP mode, lowest quality)¹ AVCHD high profile (MPEG4-AVC/H.264) AVCHD (all modes variable bit rate, 4:2:0 colour sampling) MXP. 1920x1080, 24Mbps; FXP. 1920x1080, 24Mbps; FXP. 1920x1080, 17Mbps; FXP. 1440x1080, 17Mbps; FYP. 1440x1080, 17Mbps; FYP. 1440x1080, 17Mbps; FYP. 1440x1080, 5Mbps 1920 x 1080/50i; 1920 x 1080/25p (50i recorded stream) NO NO NO NO NO NO NO NO NO N	recording possible. UDMA4, 30MB/s of faster (40MB/s or faster for Fast/Slow recording) faster for Fast/Slow recording) 32GB CF card: Up to 80mins (1080/50i @ 50 Mbps) Material eXchange Format (MXF) MPEC-2 Long GOP 50Mbps CBR (4:2:0) MPEG-2 MPG-HL; 35Mbps VBR (4:2:0) MPEG-2 MPG-HL; 35Mbps VBR (4:2:0) MPEG-2 MPG-HL; 35Mbps VBR (4:2:0) MPEG-2 MPG-HL; 35Mbps CBR (4:2:0) MPEG-2 MPG-HL; 35Mbps: 1920 x 1080/50i, 25p; 1280 x 720/50p, 25p; 1290 x 720/50p,

XA10 XF100

		XF100
EVF		
Size Dots Image quality adjustments	0.61cm (0.24"), 100% view 260,000	0.61cm (0.24"), 100% view 260000 Brightness, contrast, colour, backlight, black & white
Adjustable Correction lens	- + 2.0 to -5.5 diopter	Vertical tilt + 2.0 to -5.5 diopter
INPUTS/OUTPUTS		
Audio in	XLR inputs with 48V phantom power (x2), 3.5mm microphone input jack	XLR inputs with 48V phantom power (x2), 3.5mm microphone input jack
Headphone output Video monitor output HDMI	3.5mm stereo jack NO YES (HDMI™ Mini Connector: v1.3.	3.5mm stereo jack NO YES (Type A, output only)
IEEE 1394 (Firewire)	out only, 1080/50p output possible)	NO
USB	YES (Mini-B, USB 2.0 Hi-Speed)	YES (Mini-B, USB 2.0 Hi-Speed)
HD/SD-SDI output Time code Genlock	NO NO NO	NO NO NO
Component out AV terminal	YES (output only) 3.5mm mini jack (output only for video and audio)	YES (output only) 3.5mm mini jack (output only for video and audio)
DC input Remote Control Terminal Colour Bars	YES 2.5mm mini jack YES (SMPTE)	YES 2.5mm mini jack Type 1/Type 2 (EBU/SMPTE)
MISC		7
Tally lamp	YES (cold choo)	YES (x2)
Accessory shoe Custom key	YES (cold shoe) YES (2 assignable buttons; select from 9 functions)	YES (cold shoe) YES (10 assignable buttons; select from 34 functions)
Custom Dial	YES (Shutter Priority (Tv), Aperture Priority (Av), Manual Exposure, exposure compensation, AGC limit)	YES (Iris, teleconverter, headphone volume, Face AF, IR Lamp control)
EXPOSURE		Charles (Annual Control of the Contr
Exposure metering	Centre-weighted average or segment evaluative (determined by shooting mode)	Standard (centre weighted), Spotlight, Backlight
Exposure range	-	50 - 100,000 lux
Exposure compensation Auto Exposure mode	-2 to +2 EV (13 steps) Smart Auto, Face Detection AE	-2 to +2 EV (13 steps) Full Auto
Push Auto Iris	No	No
Exposure Lock Auto Gain Control setting Auto Gain Control limit	YES Full Auto / AGC On / Manual 0 to 24dB, 1dB increments (0 to 18dB in	- Full Auto / AGC On / Manual 3dB; 6dB; 9dB; 12dB; 15dB; 18dB; 21dB
	Cinema Mode)	(OFF/24dB)
Gain setting	0 to 24dB, 1dB increments	Assignable L, M, H settings (-6dB / -3dB / 0dB/ 3dB / 6dB/ 12dB / 18dB / 24dB / 33dB / TUNE (0.5 dB increments from
CLUSTED COSED		0 to 24 dB)
SHUTTER SPEED Control Modes	Full Auto / Manual control (touchscreen	Full Auto / Manual joystick control (Auto;
Shutter speed	LCD or control dial)	Speed; Angle; Clear Scan (CS); Slow Shutter (SLS); IR Slow Shutter)
	1/6 to 1/2000 (depending on Scene	1/18 to 1/2000 depending on frame rate
Shutter Angle	Mode and frame rate)	11.25° to 360° depending on frame rate
		11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50i/p: 50 to 251.15Hz; 25p: 25 to
Shutter Angle Slow Shutter (SLS) Clear Scan	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode)	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate)
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) NO YES (green or white)	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/pr:50 to 251.15Hz; 25p: 25 to 251.15Hz YE5 (green or white)
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) NO	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50i/p: 50 to 251.15Hz; 25p: 25 to 251.15Hz
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) NO YES (green or white) YES	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 501/p: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white)
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Bulletin IR lamp WHITE BALANCE Auto Preset	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) NO YES (green or white)	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/pr: 50 to 251.15Hz; 25p: 25 to 251.15Hz YE5 (green or white)
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) NO YES (green or white) YES YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent, Colour Temperature	11.25° to 360° depending on frame rate 1/3.1/6,1/12,1/25 (depending on frame rate) 501/p: 50 to 251.15Hz; 25p: 25 to 251.15Hz VES (green or white) VES VES A, B, Preset (Daylight, Tungsten), Colour Temperature
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) NO YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H,	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50//p: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) YES A, B, Preset (Daylight, Tungsten),
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Builtin IR lamp WHITE BALANCE Auto Preset	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) 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	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 501/p: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) YES YES, By Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via control dials on handle
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Preset	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) 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 YES (Customisable frequency response	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip·50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) YES A, B, Preset (Daylight, Tungsten), Colour Temperature 16-bit 2ch (48 kHz) linear PCM Audio limiter, Auto/manual settings via
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Builtin IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter Zoom Microphone	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) 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	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip·50 to 251.15Hz; 25p·25 to 251.15Hz YES (green or white) YES VES (preen or white) 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
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Builtin IR lamp WHITE BALANCE Auto Preset AUDIO Recording Control Microphone attenuation Microphone level meter	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) 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 YES (Customisable frequency response	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/ip·50 to 251.15Hz; 25p·25 to 251.15Hz YES (green or white) YES VES (preen or white) 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
Shutter Angle 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	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) 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 WES (customisable frequency response and directivity) Wide Converter WD-H58W, Teleconverter TL-H58, SBm lens filters, Batteries BP-808/BP-819/BP-827, Battery Charger CG-800, Video Light VL Lil, IR, Remote Control ZR-2000, Component Cable Control ZR-2000, Component Cable CTC-100, HDMI cable HTC-100, Wireless	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/lip. 50 to 251.15Hz; 25p: 25 to 251.15Hz; 90 to 251.15Hz YES (green or white) 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, Teleconverter TL-H58, Batteries BP-930, BP-945, BP-950, BP-955, BP-975, Compact Power Adapter CA-920, Compact Car adapter CB-920, DC Coupler DC-920, Shoulder Brace SBR-1000, Tripod Adapter TA-100, Zono Remote Control ZR-2000, Shounder Brace SBR-1000, Tripod Adapter TA-100, Com Remote Control ZR-2000, Remote Control ZR-2
Shutter Angle 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 BATTERY Backup power supply Power Consumption	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent H, 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 TL-HSB, SBmm lens filters, Batteries BP-080/BP-01 / BP-02 / Batteries GCG-100, Video Light VI. Li II, Remote CGC-100, HDM (Logh Component Cable CTC-100, HDM) (Logh Component Cable CTC-100, HDM) (Logh HTC-100, Wireless Microphone WH-V1. Lithium coin battery (built-in) 3.2W-	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/lp·50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) 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 YES Wide Converter WD-HSBW, Teleconverter TH-HSB, Batteries BR-930, BP-945, BR-950d, BR-970d, BR-951, BR-975, BR-9750, BR-975, BR-9750, BR-
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Recording Control Microphone attenuation Microphone level meter Zoom Microphone ACCESSORIES Optional BATTERY Backup power supply Power Consumption Continuous Recording Continuous Recording	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, Fluorescent H, 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-H58W, Teleconverter T-H58, S9mm lens filters, Batteries BP-808/BP-615/BP-827, Battery (harger CG-800, Video Light VL Lil, IR, Remote Control ZR-2000, Component Cable CG-100, I-DMI (cable HTC-100, Wireless Microphone WH-V1). Lithium coin battery (built-in)	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/lp: 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) 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 TL-H58, Batteries BP-930, BP-945, BP-950, BP-970, BP-955, BP-975, Compact Power Adapter CA-920, Compact Car adapter CB-920, DC Coupler DC-920, Shoulder Biace SiR-1000, Tinpod Adapter TA-100, Zoom Remote Control ZR-2000, Video Light VL-101 II, Tipod Base TB-1. Lithium coin battery (built-in)
Shutter Angle 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 BATTERY Backup power supply Power Consumption Continuous Recording Control MISCELLANEOUS	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) 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 YES Output Wide Converter WD-H58W, Teleconverter TL-H58, 58mm lens filters, Battery CG-800, Video Light VL Li II, Remote Control ZR-2000, Component Cable CTC-100, HDMI cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3.2W ² Supplied BP-808: Approx. 110 minutes ² Optional BP-827: Approx. 345 minutes ²	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/lp; 50 to 251.15Hz; 25p: 25 to 251.15Hz; 90 to 251.15Hz; 25p: 25 to 251.15Hz; 90 to 2
Shutter Angle Slow Shutter (SLS) Clear Scan INFRARED Infrared shooting mode Built-in IR lamp WHITE BALANCE Auto Recording Control Microphone attenuation Microphone level meter Zoom Microphone ACCESSORIES Optional BATTERY Backup power supply Power Consumption Continuous Recording Continuous Recording	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) YES (green or white) YES Set 1, Set 2, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent H, 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 (Sustomisable frequency response and directivity) Wide Converter WD-H58W, Teleconverter TL-H58, SBm lens filters, Batteries BB-808/BP-819/EP-827, Battery Charger CG-800, Video Light VL Lil, Remote Control ZR-2000, Component Cable CTC-100, H0MI cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3.2W ² Supplied BP-808: Approx. 110 minutes ² Optional BP-827: Approx. 345 minutes ² Approx 130 x 177 x 205mm (including lens hood and microphone holder) YES	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/µs. 50 to 251.15Hz; 25p: 25 to 251.15Hz YES (green or white) YES YES (green or white) 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, Teleconverter TL-H58, Batteries BP-930, BP-945, BP-950, BP-970d, BP-955, BP-975, Compact Power Adapter CA-920, Compact Schulder Brace SBR-100. Tipped Adapter TA-100, Zoom Remote Control ZR-2000, Video Light VL-10 UI, Timped Base TB-1. Lithium coin battery (built-in) 5.1W³ Supplied BP-925. Approx. 205 minutes³
Shutter Angle 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 BATTERY Backup power supply Power Consumption Continuous Recording MISCELLANEOUS Dimensions	Mode and frame rate) 1/2 to 1/500 (Low Light Scene Mode) 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-H58W, Teleconverter IL-H58, 58mm lens filters, Battery CG-800, Video Light VL Li II, Remote Control ZR-2000, Component Cable CTC-100, HDMI cable HTC-100, Wireless Microphone WM-V1. Lithium coin battery (built-in) 3.2W ² Supplied BP-808: Approx. 110 minutes ² Optional BP-827: Approx. 345 minutes ² Approx. 130 x 177 x 205mm (including lens hood and microphone holder)	11.25° to 360° depending on frame rate 1/3, 1/6, 1/12, 1/25 (depending on frame rate) 50/lp·50 to 251.15Hz; 25p: 25 to 251.15Hz; 90 yes 251.15Hz; 25p: 25 to 251.15Hz; 25p: 25p: 25 to 251.15Hz; 25p: 25p: 25p: 25p: 25p: 25p: 25p: 25p:

- 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. ™ 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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