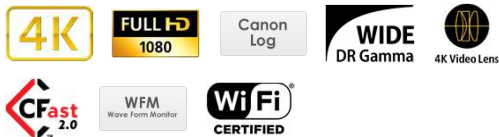


XC15

Compact and discrete 4K UHD video with professional audio

Compact and discrete featuring 4K UHD/Full HD internal video recording with professional XLR audio that is easy to use, with footage that can be seamlessly integrated with other professional Cinema EOS cameras.



- Capture professional 4K and Full HD video
- Professional XLR audio connections
- Professional features and easy workflow integration
- Discrete and highly versatile
- Easy to use



Product Range



Canon XC15



Canon XC10

Canon XC15
Canon XC10

Technical Specifications

CAMERA

IMAGE SENSOR

Sensor	1.0 Type CMOS
System	Bayer pattern filter
Total pixels per sensor	13.36 MP (4224 x 3164)
Effective pixels per sensor	Video Mode: approx. 8.29 MP (3840 x 2160); Stills mode: approx. 12 MP (4000 x 3000)
Minimum illumination	AUTO MODE: PAL 50.00P: Approx. 5.32 lux (at 1/50 sec. shutter speed) 25.00P: Approx. 2.68 lux (at 1/25 sec. shutter speed) Manual Mode, PAL 50.00P/25.00P: Approx. 0.05 lux (shutter speed 1/2 sec.)
Horizontal Resolution	1700 lines or more (4K Recording), 900 lines or more (Full HD recording)

LENS

Zoom ratio	10x optical
Focal length	Video Mode: 8.9 – 89 mm (27.3 - 273 mm, 35 mm equivalent) Stills Mode: 4.3 - 24.1-241 mm./ 3:2 - 25 - 250 mm./ 16:9 - 27.3 – 273 mm (approx.)
Minimum focus distance	50 cm across entire zoom range; approx. 8 cm at wide macro setting
ND filter	Yes, single density built-in, 1/8 (3-step) equivalent
Zoom control	Manual, 35 mm conversion markers provided
Focus control	AF, Face detection and tracking, Push AF, AiAF (Photo Mode) Manual focus ring Touch Focus Function.
Iris control	Auto, manual via control wheel
Aperture range	f/2.8 - f/5.6 (W-T)
Filter diameter	58 mm
Lens elements/groups	12 Groups of 14 elements
Aperture blades	8 blade diaphragm. Mechanical shutter built in.
Image stabilization system	Optical (lens shift) + electronic stabilisation. Movie Mode IS options: Dynamic IS ¹ , Standard IS, Powered IS
Digital zoom	No Digital Zoom. 2 x Digital Teleconverter via assignable button

IMAGE PROCESSOR

Type	DIGIC DV 5
Sampling accuracy	YCC 4:2:2 (4K or Full HD, XF-AVC/MXF)
Bit depth	8-bit

RECORDING

Video storage media	4K: CFast 2.0™ card, VPG130 supported. Full HD/Photo: SD card (Class 10 recommended for 50Mbps)
Capacity	Depends on card used
Recording time	Depends on card capacity. 4K: CFast 2.0™ 64 GB approx. 25 min @305 Mbps. Full HD 64GB SD card approx. 170 min @50 Mbps
Recording file format	Material eXchange Format (MXF)
Recording format	Video Format: XF-AVC. Compression Format: MPEG-4 AVC/H.264
Recording frame rate (PAL model)	CFast 2.0™ Card: 4K(3840 x 2160) Recording; 25.00P/24.00P (305Mbps or 205Mbps) Full HD Recording (1920 x 1080) 50Mbps; 50.00P; 35Mbps at 50.00P/25.00P/24.00P HDMI Out: 4K(3840 x 2160) Recording; 25.00P/24.00P (305Mbps or 205Mbps) Full HD Recording (1920 x 1080) 50Mbps; 50.00P; 35Mbps at 50.00P/25.00P/24.00P 1280 x 720; 50/35 Mbps; 100P Yes; 1/4x - 1200x speed ¹ . Frame rate 25.00P Yes; Photo Mode only
Slow/Fast motion	No
Interval Record	Yes, in Full HD mode to SD card only.
Frame Record	5 Second pre-record time
Pre Record (cache record)	No
Scan Reverse	No
HD->SD conversion	No
Internal Data Transfer	No
Photo storage media	SD card
Still Image quality	8.29 – 12 Mp depending on format

SYSTEM

MONITOR PANEL

Monitoring Panel Type	Capacitive touch screen LCD
Size	3-Inch /7.66cm
Dots	approx. 1,030,000
Image quality adjustments	Brightness, Backlight
Adjustable	Yes. 2-axis parallel hinge mechanism
Waveform Monitor	Yes
View Assist Function	Yes, when High Brightness Priority selected in CP menu
Focus Assist	Magnification. Area selectable via touch screen
Peaking	Yes, Red, blue or yellow selectable
Zebra	Yes. 70% or 100% selectable
Markers	Yes. Horizontal or grid markers white or grey

EVF

Size	No EVF. Optical loupe viewfinder attachment for LCD screen supplied
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INPUTS/OUTPUTS

Audio in	Built-in stereo microphone, 3.5 mm stereo mini jack external microphone, 2 x XLR via Microphone Adapter MA-400
Audio Connection	Canon 13-pin connector for Microphone Adapter MA-400
Headphone output	3.5 mm Stereo mini jack
Video monitor output	No
HDMI	Yes. Output only
HDMI Video Output (Playback Mode)	PAL 4K movie playback : 3840x2160/25.00P :1920x1080/50.00P/50.00i 720x576/50.00P HD movie playback: 1920x1080/50.00P/50.00i 720x576/50.00P
USB	Yes mini-B, Hi-speed, Output only
HD/SD-SDI output	No
Time code	Yes, via HDMI
Genlock	No
Component out	No
AV terminal	No
DC input	Yes
Remote Control Terminal	No
Colour Bars	Yes. PAL Model: EBU/SMPT. Can be output via HDMI
MISC	
Tally lamp	Yes
Accessory shoe	Yes, Coldshoe
Custom key	No
Custom Dial	No

SHOOTING FUNCTIONS

EXPOSURE

Exposure metering	Movie mode: Standard, spotlight, backlight Photo mode: Evaluative, centre-weighted, spot -2.0 - +2.0 stops in 1/3 stop increments (photos) and 1/4 stop increments (movies)
Exposure compensation	Video Mode: Standard, Cinema EOS Std., Neutral, Production Camera, Color Matrix off, Canon Log, EOS Std., Wide DR, Cinema EOS Std., high-brightness priority, user settings (1/2) Photo Mode: Standard, Portrait, Landscape, Neutral, Fidelity setting, Sepia, Monochrome, Clear, Autumn Leaves, user settings (1/2)
Custom Picture Settings	

Technical Specifications

Auto Exposure mode	AUTO/Programmed AE (P)/Shutter-priority AE (Tv)/Aperture-priority (Av) / Manual Exposure (M)/SCN (Portrait /Sports /Night Scene /Snow /Beach /Sunset /Low Light / Spotlight / Fireworks) Yes (in compatible modes)	TIME CODE	Regen/Rec Run/Free Run/Preset (Non-Drop Frame)
Exposure Lock	Yes.	Countup system	"00:00:00:00", Set/Reset selectable
Auto Gain Control setting	28.5 dB	Start value setting	
Auto Gain Control limit	28.5 dB	AUDIO	
ISO Sensitivity	Movie /Photo: ISO 160 - 20000 Movie Mode with Canon Log or Wide DR selected: 500 to 20000 0.0 - 42.0dB	Recording	Linear PCM (2ch, 16 bit, 48 kHz)
Gain setting	At the fine gain setting: Any setting in a 0.5 increment between 0.0 dB and 42.0 dB Movie Mode with Canon Log or Wide DR selected: 9.0 dB (8.5 dB at fine gain setting) to 42.0 dB	Audio Settings (Movie Mode)	Built-in Mic Wind Screen: Auto High/Auto Low/Off Internal mic attenuator: Auto / On / Off Built-in Mic Frequency: Response: Normal, low-range boosting, low-range cutting, mid-range boosting, low and high-range boosting Built-in Mic Directionality: Monaural / Normal / Wide / Zoom: MIC Att. Auto / On / Off : MIC Low Cut. On/Off: Audio limiter, On/Off: Audio compressor: High/Low/Off
SHUTTER SPEED		ACCESSORIES	
Control Modes	Manual, Shutter Priority AE (Tv), Auto Slow Shutter On/Off	Supplied	Lens hood, (Loupe) Viewfinder Unit, Microphone Adapter MA-400, Battery Pack LP-E6N, High Speed HDMI Cable (HTC100/S), Compact Power unit CA-945, Unit Cable UN-5, AC Cable, Interface Cable (IFC-300PCU/S), Shoulder Strap
Shutter speed	Movie Mode: 1/2, 1/3, 1/4, 1/5, 1/6 to 1/2000 sec. (in 1/4-step increments) Photo Mode: 0.5 sec., 0.4 sec., 0.3 sec., 1/4 - 1/2000 sec. (in 1/3-step increments)	Optional	Canon Battery Charger LC-E6/LC-E6E, Remote Controller (RC-6) GPS receiver GP-E2, Canon DM-E1 Microphone, Unit Cable UN-5/UN-10 Canon PROTECT Filter 58 mm, Canon ND4-L Filter 58 mm, Canon ND8-L Filter 58 mm, Compact Power Adapter CA-946
Shutter Angle	Yes	BATTERY	
Slow Shutter (SLS)	Yes	Battery Type	LP-E6N (7.2v, 1865mAh) supplied
Clear Scan	No	Power Consumption	Approx. Max. Recording: 6.0W ² /Playback: 4.1W
INFRARED		Continuous Recording Time	Approx.: 110 mins (maximum) / 75 mins (typical)
Infrared shooting mode	No	MISCELLANEOUS	
Built-in IR lamp	No	Dimensions	Approx. 128 x 102 x 122 mm (body only) Approx. 132 x 221 x 238 mm (with viewfinder unit, MA400 and lens hood)
WI-FI & GPS SPECIFICATIONS		Weight (camera only)	Approx. 955 g Body Only, approx. 1590 g fully equipped
Wireless LAN standards	IEEE 802.11b/g/n (2.4GHz band) / IEEE 802.11a/n (5GHz band*) *5GHz band not available in Qatar	Weight (fully equipped)	Approx. 1,040 g (with lens hood, battery, CFast 2.0™ card and SD card)
Supported Wi-Fi Functions	Photo Mode: Playback (in browser) from SD card; Download and save images to user terminal device via web browser.	Operating Temperature range	Approx. 0°C to 40°C, 85% (relative humidity) Approx. -5°C to 45°C, 60% (relative humidity)
Supported Browser for Remote Operation	Internet Explorer, Safari (iOS), Safari (Mac OS), Android standard browser	Disclaimers	Specifications are given for PAL version of the camera. NTSC version available in appropriate regions
Remote Operation Control Features	Aperture, Focus, WB, Shutter Speed, ISO/Gain, Shooting Mode, Start/Stop Recording	¹ Dynamic Image Stabiliser not available when recording in 4K or using Slow & Fast Motion mode	
Live view image Resolution	Camera setting mode: 680 x 383; Simplified setting: 284 x 160	² Depending on capabilities of external recording device in 4K rec. mode 1/4 x and 1/2 x speed not possible to CFast 2.0™ card. In Full HD to SD card, 1/4 x rec is 1280 x 720.	
Authentication Systems	Open/WPA-PSK/WPA2-PSK	³ In 4K rec. mode 1/4 x and 1/2 x speed not possible to CFast 2.0™ card. Full HD to SD card, 1/4 x rec format is 1280 x 720.	
Encryption	WEP64, WEP128, TKIP, AES		
GPS Information (Optional Accessory)	Latitude/Longitude/Elevation, Coordinated Universal Time (UTC)		
WHITE BALANCE			
Auto	YES		
Preset	6 Presets: Daylight, Shade, Cloudy, Tungsten (incandescent lamps or halogen bulbs), Fluorescent H (3-wavelength type fluorescent), Fluorescent (white fluorescent)		
Shockless WB	Yes		
Manual setting	Set 1, Set 2 (Default 5,500K)		

All specifications are subject to change without notice