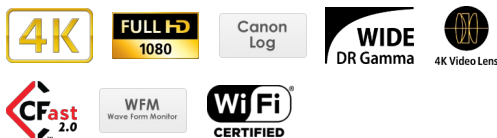


XC15



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
System
Total pixels per sensor
Effective pixels per sensor

Minimum illumination

Horizontal Resolution

LENS

Zoom ratio
Focal length

Minimum focus distance

ND filter
Zoom control
Focus control

Iris control
Aperture range
Filter diameter
Lens elements/groups
Aperture blades
Image stabilization system

Digital zoom

IMAGE PROCESSOR

Type
Sampling accuracy
Bit depth

RECORDING

Video storage media

Capacity
Recording time

Recording file format
Recording format

Recording frame rate
(PAL model)

Slow/Fast motion
Interval Record
Frame Record
Pre Record (cache record)

Scan Reverse
HD->SD conversion
Internal Data Transfer
Photo storage media
Still Image quality

1.0 Type CMOS
Bayer pattern filter
13.36 MP (4224 x 3164)
Video Mode: approx. 8.29 MP (3840 x 2160);
Still mode: approx. 12 MP (4000 x 3000)
AUTO MODE: PAL
50.00i: 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
50.00i/25.00P: Approx. 0.05 lux (shutter speed 1/2 sec.)
1700 lines or more (4K Recording),
900 lines or more (Full HD recording)

10x optical
Video Mode: 8.9 – 89 mm
(27.3 - 273 mm, 35 mm equivalent)
Still Mode: 4.3 - 24.1- 241mm./ 3.2 - 25 – 250 mm, /
16.9 - 27.3 – 273 mm (approx.)

50 cm across entire zoom range; approx. 8 cm at wide
macro setting

Yes, single density built-in. 1/8 (3-step) equivalent
Manual. 35 mm conversion markers provided
AF, Face detection and tracking, Push AF, AiAF
(Photo Mode) Manual focus ring
Touch Focus Function.

Auto, manual via control wheel
f/2.8 - f/5.6 (W-T)
58 mm
12 Groups of 14 elements
8 blade diaphragm. Mechanical shutter built in.
Optical (lens shift) + electronic stabilisation.
Movie Mode IS options: Dynamic IS¹, Standard IS,
Powered IS

No Digital Zoom. 2 x Digital Teleconverter via assignable
button

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

4K: CFast 2.0™ card, VPG130 supported, Full HD/Photo:
SD card (Class 10 recommended for 50Mbps)
Depends on card used
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

Material eXchange Format (MXF)
Video Format: XF-AVC. Compression Format: MPEG-4
AVC/H.264
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 50.00i/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 50.00i/25.00P/24.00P
1280 x 720: 50/35 Mbps; 100P

Yes: 1/4x - 1200x speed¹. Frame rate 25.00P
Yes, Photo Mode only
No
Yes, in Full HD mode to SD card only.
5 Second pre-record time
No
No
No
SD card
8.29 – 12 Mp depending on format

SYSTEM

MONITOR PANEL

Monitoring Panel Type
Size
Dots
Image quality adjustments
Adjustable
Waveform Monitor
View Assist Function
Focus Assist
Peaking
Zebra
Markers

EVF

Size

INPUTS/OUTPUTS

Audio in

Audio Connection

Headphone output

Video monitor output

HDMI

HDMI Video Output
(Playback Mode)

USB

HD/SD-SDI output

Time code

Genlock

Component out

AV terminal

DC input

Remote Control Terminal

Colour Bars

MISC

Tally lamp

Accessory shoe

Custom key

Custom Dial

SHOOTING FUNCTIONS

EXPOSURE

Exposure metering

Exposure compensation

Custom Picture Settings

Capacitive touch screen LCD
3-Inch /7.66cm
approx. 1,030,000
Brightness, Backlight
Yes. 2-axis parallel hinge mechanism
Yes
Yes, when High Brightness Priority selected in CP menu
Magnification. Area selectable via touch screen
Yes. Red, blue or yellow selectable
Yes. 70% or 100%, selectable
Yes. Horizontal or grid markers white or grey

No EVF. Optical loupe viewfinder attachment
for LCD screen supplied

Built-in stereo microphone, 3.5 mm stereo mini jack
external microphone, 2 x XLR via Microphone
Adapter MA-400
Canon 13-pin connector for Microphone Adapter MA-
400
3.5 mm Stereo mini jack
No
Yes. Output only
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
Yes mini-B, Hi-speed, Output only

No
Yes, via HDMI
No
No
No
Yes
No
Yes. PAL Model: EBU/SMPTE. Can be output via HDMI

Yes
Yes, Coldshoe
No
No

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)
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)



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)
Exposure Lock	Yes (in compatible modes)
Auto Gain Control setting	Yes.
Auto Gain Control limit	28.5 dB
ISO Sensitivity	Movie /Photo: ISO 160 - 20000 Movie Mode with Canon Log or Wide DR selected: 500 to 20000
Gain setting	0.0 - 42.0dB 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
SHUTTER SPEED	
Control Modes	Manual, Shutter Priority AE (Tv), Auto Slow Shutter On/Off
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)
Shutter Angle	Yes
Slow Shutter (SLS)	Yes
Clear Scan	No
INFRARED	
Infrared shooting mode	No
Built-in IR lamp	No
WI-FI & GPS SPECIFICATIONS	
Wireless LAN standards	IEEE 802.11b/g/n (2.4GHz band) / IEEE 802.11a/n (5GHz band*) *5GHz band not available in Qatar
Supported Wi-Fi Functions	Photo Mode: Playback (in browser) from SD card; Download and save images to user terminal device via web browser.
Supported Browser for Remote Operation	Internet Explorer, Safari (iOS), Safari (Mac OS), Android standard browser
Remote Operation Control Features	Aperture, Focus, WB, Shutter Speed, ISO/Gain, Shooting Mode, Start/Stop Recording
Live view image Resolution	Camera setting mode: 680 x 383; Simplified setting: 284 x 160 Open/WPA-PSK/WPA2-PSK
Authentication Systems	
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) Yes
Shockless WB	Yes
Manual setting	Set 1, Set 2 (Default 5,500K)

TIME CODE

Countup system

Start value setting

Regen/Rec Run/Free Run/Preset (Non-Drop Frame)
"00:00:00:00", Set/Reset selectable

AUDIO

Recording

Audio Settings (Movie Mode)

Linear PCM (2ch, 16 bit, 48 kHz)
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

ACCESSORIES

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
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

Optional

BATTERY

Battery Type

Power Consumption

Continuous Recording Time

LP-E6N (7.2V, 1865 mAh) supplied
Approx. Max. Recording: 6.0W²/Playback: 4.1W
Approx.: 110 mins (maximum) / 75 mins (typical)

MISCELLANEOUS

Dimensions

Approx. 128 x 102 x 122 mm (body only)
Approx. 132 x 221 x 238 mm (with viewfinder unit, MA400 and lens hood)

Weight (camera only)

Weight (fully equipped)

Approx. 955 g Body Only, approx. 1590 g fully equipped
Approx. 1040 g (with lens hood, battery, CFast 2.0™ card and SD card)

Operating Temperature range

Approx. 0°C to 40°C, 85% (relative humidity)
Approx. -5°C to 45°C, 60% (relative humidity)

Disclaimers

Specifications are given for PAL version of the camera.
NTSC version available in appropriate regions

¹ Dynamic Image Stabiliser not available when recording in 4K or using Slow & Fast Motion mode

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.

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.

All specifications are subject to change without notice

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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.

Sales Start Date: September 2016



Product Details:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Canon 4K Camcorder XC15 GB	1456C011AB	8714574646138	<Please fill in RRP>

Optional Accessories:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Power Adapter CA-946	1764C003AA	4549292084245	<Please fill in RRP>
Bag SC-2000	9389A001AA	4960999209852	<Please fill in RRP>
High Speed HDMI Cable HTC-100/S	2384B001AA	4960999530383	<Please fill in RRP>
Unit Cable UN-5	0886C001AA	4549292047950	<Please fill in RRP>
GPS Receiver GP-E2	6363B001AA	4960999848358	<Please fill in RRP>
Battery Pack LP-E6N	9486B002AA	4549292008302	<Please fill in RRP>
Remote Controller RC-6	4524B001AA	4960999669304	<Please fill in RRP>
Battery Charger LC-E6	3349B001AA	4960999627502	<Please fill in RRP>

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
Canon 4K Camcorder XC15 GB	1456C011AB	EA	Each	1	330	400	230	3.6	
		CT	Carton (Outer)	2	380	840	280		7.3
		EP	Euro Pallet	12	1200	800	990		53.8

What's in the box?

- Canon XC15 Body
- Microphone Adapter MA-400
- Unit Cable UN-5
- Cable Clamp
- Loupe Viewfinder Unit
- Battery Pack LP-E6N
- Compact Power Adapter
- Hood Unit
- Lens Cap
- Shoulder Strap
- USB Cable IFC-300PCU/S
- High-Speed HDMI Cable HTC-100/S