

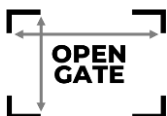
# EOS C50

## OPEN A WORLD OF CINEMATIC POSSIBILITIES

The EOS C50 is a compact 7K Full Frame Cinema EOS camera with RF mount, Open Gate recording, pro audio, and 32MP stills – perfect for versatile, high-quality solo video production.



Cinematic 7K Full Frame video with 32MP stills



Open Gate internal 12-bit RAW recording

Ultra  
Compact  
Design

Ultra-Compact &  
Ergonomic Design

# RF

RF Mount Technology

Dual Pixel CMOS AF II

Dual Pixel CMOS AF II  
with EOS iTR AF X

# HFR

High Frame Rate

Versatile Recording  
with High Frame  
Rates





## Cinematic 7K Full Frame Capture

Shoot stunning 7K with Canon's Full Frame CMOS sensor, Dual Base ISO (800/6400), and 15+ stops of dynamic range. Capture 32MP stills at 40fps with ISO up to 64,000 and enjoy oversampled 4K with rich, organic colour reproduction.



## Open the Gate for Maximum Flexibility

Unleash your vision with Open Gate 12-bit RAW at 6960x4640 in 3:2. Shoot widescreen, vertical, or anamorphic in stunning detail. Switch easily between Full Frame, Super 35mm, and Super 16mm modes.



## Harness the Power of the RF mount

Unlock RF mount speed, power and versatility with prime, zoom, hybrid and cinema lenses. Enjoy premium optics, real-time metadata, fast AF/IS, and seamless PL/EF lens integration via Canon mount adapters.



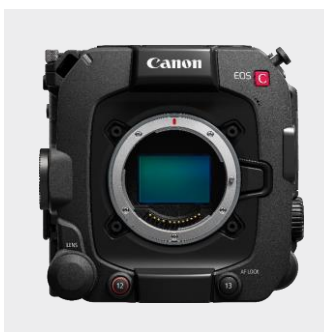
## Sharp. Fast. Reliable.

Enjoy ultra-responsive autofocus with enhanced face, eye, and animal tracking across 100% of the sensor with Dual Pixel CMOS AF II. Plus, EOS iTR AF X, Detect Only, Focus Guide, and custom speed settings keep you sharp and ready.



## Capture More with High Frame Rates

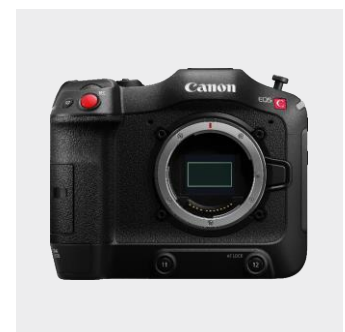
Shoot scalable 12-bit Cinema RAW Light up to 7K 60p, plus 4K 120p and 2K 180p and oversampled 4K 10-bit XF-AVC (MXF) and XF-AVC S/XF-HEVC S (MP4). CFexpress Type B and UHS-II SD card slots enable proxy and multi-format recording for fast, flexible workflows.



EOS C400



EOS C80



EOS C70

RF Mount  
Range



EOS C50



EOS R5 C

# TECHNICAL SPECIFICATIONS

# EOS C50

## IMAGE SENSOR

**Sensor**  
3:2 Full Frame CMOS sensor (35.9 x 23.9mm)  
**System**  
RGB primary colour filter (Bayer array)  
**Sensor Modes**  
Full Frame 3:2 / Full Frame / Super 35mm (Crop)  
/ Super 16mm (Crop)  
**Total Pixels**  
Approx. 34.20 megapixels  
**Effective Pixels**  
Video Mode:  
Approx. 32.373 megapixels (6968 x 4646):  
When resolution is 6960 x 4640 or 6912 x 4608  
Approx. 25.628 megapixels (6968 x 3678):  
When resolution is 6960 x 3672, 4096 x 2160,  
or 2048 x 1080  
Approx. 24.032 megapixels (6534 x 3678):  
When resolution is 3840 x 2160 or 1920 x 1080

## Effective Sensor Screen Size

Photo Mode:  
Approx. 32.3 megapixels (6960 x 4640)  
Full Frame 3:2  
35.9 x 23.9 mm (43.2 mm on the diagonal):  
When resolution is 6960 x 4640  
35.7 x 23.8 mm (42.9 mm on the diagonal):  
When resolution is 6912 x 4608

## Dynamic Range

Full Frame:  
35.9 x 18.9 mm (40.6 mm on the diagonal):  
When resolution is 6960 x 3672, 4096 x 2160,  
or 2048 x 1080  
33.6 x 18.9 mm (38.6 mm on the diagonal):  
When resolution is 3840 x 2160 or 1920 x 1080  
Full Frame:  
Canon Log 2: 1600% / 15+ stops (at ISO 800)  
Super 35mm:  
Canon Log 2: 1600% / 16 stops (at ISO 800)

Base ISO: 800 / 6400\*  
\*When shooting in RAW or Canon Log 2/3

## IMAGE PROCESSOR

**Type**  
DIGIC DV7

## LENS

**Lens Mount**  
Canon RF mount  
PL mount support via PL-RF Mount Adapter  
EF mount support via EF-EOS R Mount Adapter  
**Lens Magnification Factor**  
Full Frame 3:2;  
6960x4640: Actual focal length x Approx. 1.00

Full Frame;  
6960x3672, 4096x2160 or 2048x1080: Actual  
focal length x Approx. 1.06  
3840x2160 or 1920x1080: Actual focal length x  
Approx.1.12

Super 35mm (Crop);  
5036x2656, 4096x2160 or 2048x1080: Actual  
focal length x Approx.1.47  
3840x2160 or 1920x1080: Actual focal length x  
Approx.1.54

Super 16mm (Crop);  
2524x1332 or 2048x1080: Actual focal length x  
Approx.2.92

1920x1080: Actual focal length x Approx.3.08  
Peripheral Illumination Correction  
Chromatic Aberration Correction  
Diffraction Correction  
Distortion Correction (RF lenses only)  
Focus Breathing Correction (Supported RF lenses  
only)

## ND Filter

**Iris Control**  
No  
1/2-stop, 1/3-stop or FINE control  
Auto Iris

## Cooke / i Technology Support

**Anamorphic Lens Support**  
**Image Stabilization System**

x2.0 / x1.8 / x1.5 / x1.3  
5-Axis Combination IS (Optical and Digital) with  
supported lenses  
Digital 5-Axis IS for Non-IS lenses

## RECORDING

### Internal Recording Media<sup>1</sup>

### Recording Time<sup>2</sup>

1x CFexpress 2.0 (Type-B)  
1x SD Card (SD / SDHC / SDXC)  
Cinema RAW Light LT:  
FF 3:2 6960 x 4640 976 Mbps approx. 65 Mins  
FF 6960 x 3672 773 Mbps: approx. 81 Mins  
Cinema RAW Light ST:  
FF 3:2 6960 x 4640 1510 Mbps approx. 42 Mins  
FF 6960 x 3672 1190 Mbps: approx. 55 Mins  
Cinema RAW Light HQ:  
FF 6960 x 3672 2420 Mbps: approx. 26 Mins

## Recording Formats

**Relay Recording<sup>3</sup>**  
**Double Slot (Simultaneous) Recording**  
**Simultaneous Recording in Multiple Formats**

## System Frequency / Frame Rates

## Cinema RAW Light Bit Rate/Bit Depth (PAL)

## XF-AVC Recording Bit Rate/ Sampling (PAL / MXF)

## XF-AVC S Recording Bit Rate / Sampling (PAL / MP4)

## XF-HEVC S Recording Bit Rate / Sampling (PAL / MP4)

XF-AVC:  
FF 4096 x 2160 or 3840 x 2160 500 Mbps: approx.  
136 Mins  
XF-AVC S:  
FF 4096 x 2160 or 3840 x 2160 500 Mbps: approx.  
136 Mins  
XF-HEVC S:  
FF 3:2 6912 x 4608 1350 Mbps: approx. 50 Mins  
FF 4096 x 2160 or 3840 x 2160 135 Mbps: approx.  
505 Mins  
Video Mode:  
Cinema RAW Light (CRM) / XF-AVC (MXF) / XF-AVC  
S (MP4) / XF-HEVC S (MP4)

Photo Mode:  
RAW / C-Raw / Dual Pixel RAW / HEIF / JPEG  
Yes

Yes

Yes

59.94Hz mode (59.94P / 59.94i / 29.97P /  
23.98P)  
50.00Hz mode (50.00P / 50.00i / 25.00P)  
24.00 Hz mode (24.00P)  
12-bit Cinema RAW Light LT:  
FF 3:2 / 6960 x 4640 / 25P [976 Mbps]  
FF / 6960 x 3672 / 50P [1550 Mbps]  
FF / 6960 x 3672 / 25P [773 Mbps]  
S35 / 5036 x 2656 / 50P [811 Mbps]  
S35 / 5036 x 2656 / 25P [406 Mbps]  
S16 / 2524 x 1332 / 50P [206 Mbps]  
S16 / 2524 x 1332 / 25P [103 Mbps]

12-bit Cinema RAW Light ST:  
FF 3:2 / 6960 x 4640 / 25P [1510 Mbps]  
FF / 6960 x 3672 / 50P [2380 Mbps]  
FF / 6960 x 3672 / 25P [1190 Mbps]  
S35 / 5036 x 2656 / 50P [1250 Mbps]  
S35 / 5036 x 2656 / 25P [624 Mbps]  
S16 / 2524 x 1332 / 50P [316 Mbps]  
S16 / 2524 x 1332 / 25P [158 Mbps]

12-bit Cinema RAW Light HQ:  
FF / 6960 x 3672 / 25P [2420 Mbps]  
S35 / 5036 x 2656 / 25P [1270 Mbps]  
S16 / 2524 x 1332 / 50P [642 Mbps]  
S16 / 2524 x 1332 / 25P [321 Mbps]  
4:2:2 10-bit (Intra-frame):  
4096x2160 or 3840x2160 / 50P [1000 / 750 /  
500 Mbps]  
4096x2160 or 3840x2160 / 25P [500 / 375 /  
250 Mbps]  
2048x1080 or 1920x1080 / 50P [250 Mbps]  
2048x1080 or 1920x1080 / 25P [150 Mbps]  
1920x1080 / 50i [125 Mbps]

4:2:2 10-bit (Long GOP):  
4096x2160 or 3840x2160 / 50P [250 Mbps]  
4096x2160 or 3840x2160 / 25P [150 Mbps]  
2048x1080 or 1920x1080 / 50P [50 Mbps]  
2048x1080 or 1920x1080 / 25P [50 Mbps]  
1920x1080 / 50i [50 / 25 Mbps]  
4:2:2 10-bit (Intra-frame):  
4096x2160 or 3840x2160 / 50P [1000 / 750 /  
500 Mbps]  
4096x2160 or 3840x2160 / 25P [500 / 375 /  
250 Mbps]  
2048x1080 or 1920x1080 / 50P [250 Mbps]  
2048x1080 or 1920x1080 / 25P [150 Mbps]

4:2:2 10-bit (Long GOP):  
4096x2160 or 3840x2160 / 50P [250 Mbps]  
4096x2160 or 3840x2160 / 25P [150 Mbps]  
2048x1080 or 1920x1080 / 50P [50 Mbps]  
2048x1080 or 1920x1080 / 25P [50 Mbps]

4:2:0 8-bit (Long GOP):  
4096x2160 or 3840x2160 / 50P [150 Mbps]  
4096x2160 or 3840x2160 / 25P [100 Mbps]  
2048x1080 or 1920x1080 / 50P [35 Mbps]  
2048x1080 or 1920x1080 / 25P [35 Mbps]

4:2:2 10-bit (Intra-frame):  
6912x4608 / 25P [1350 / 900 Mbps]

4:2:2 10-bit (Long GOP):  
6912x4608 / 25P [486 Mbps]  
4096x2160 or 3840x2160 / 50P [225 Mbps]  
4096x2160 or 3840x2160 / 25P [135 Mbps]  
2048x1080 or 1920x1080 / 50P [50 Mbps]  
2048x1080 or 1920x1080 / 25P [50 Mbps]

4:2:0 10-bit (Long GOP):  
4096x2160 or 3840x2160 / 50P [150 Mbps]  
4096x2160 or 3840x2160 / 25P [100 Mbps]



# TECHNICAL SPECIFICATIONS

# EOS C50

|                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Proxy Recording Bit Rate/<br/>Sampling (PAL)<sup>5</sup></b>                                                                                                                                                                                                                                                              | 2048x1080 or 1920x1080 / 50P [35 Mbps]<br>2048x1080 or 1920x1080 / 25P [35 Mbps]<br>4:2:0 8-bit (Long GOP):<br>2048x1080 or 1920x1080 [35 / 16 / 9 Mbps]<br>1280 x 720 [6 Mbps]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Default Function Button<br/>Settings</b>                                                                                                                              | 1. AF-ON<br>2. MAGN.<br>3. MENU<br>4. DISP<br>5. PUSH AUTO IRIS<br>6. (unassigned)<br>7. REC<br>8. LOCK<br>9. PEAKING<br>10. WFM<br>11. FUNC<br>12. AF LOCK<br>13. REC<br>14. (unassigned)<br>14x Assignable Buttons                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Slow/Fast Motion</b>                                                                                                                                                                                                                                                                                                      | 4:2:0 10-bit (Long GOP):<br>2048x1080 or 1920x1080 [16 / 9 Mbps]<br>7K 3:2 RAW: up to 30FPS<br>7K 17:9 RAW: up to 60FPS<br>5K RAW (S35 Crop): up to 60FPS<br>2.5K RAW (S16 Crop): up to 150FPS<br>4K recording up to 120FPS<br>2K recording up to 180FPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>User Assignable Buttons</b>                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Interval Record</b><br><b>Frame Record</b><br><b>Pre Record (Cache Record)<sup>5</sup></b><br><b>Continuous Recording<sup>5</sup></b><br><b>Simultaneous Crop<br/>Recording</b><br><b>Digital Tele-converter</b><br><b>Photo Recording Size</b>                                                                           | Yes<br>Yes<br>3 Seconds<br>Yes<br>1080 x 1920 or 1080 x 1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>MISCELLANEOUS</b><br><b>Tally Lamp</b><br><b>Zoom Rocker<sup>7</sup></b><br><b>Custom Dial</b><br><b>Software Application<br/>Support</b>                             | Yes, 2x (body) 1x (top handle)<br>Yes, Optical and Digital Zoom<br>Yes, 3x<br>Cinema RAW Development<br>XF Utility<br>RAW Plugin for Avid Media Access<br>RAW Plugin for Final Cut Pro<br>XF Plugin for Avid Media Access<br>Remote Camera Control Application<br>Multi-Camera Management Application<br>EOS VR Utility<br>EOS VR Plugin for Adobe Premiere Pro<br>CV Metadata Plugin for Adobe After Effects<br>Live Link Plugin for Unreal Engine<br>CV Metadata Extraction Tool<br>MP4 Join Tool<br>HEVC Activator<br>Canon Multi-Camera Control<br>Content Transfer Professional<br>Browser Remote Control |
| <b>SYSTEM</b><br><b>Display Type</b><br><b>Display Resolution</b><br><b>Display Touch Screen<br/>Functions</b><br><b>OSD for Vertical Shooting</b><br><b>Wave Form Monitor</b>                                                                                                                                               | 3.0-inch LCD Touch Panel<br>approx. 1.62 million dots (900xRGBx600)<br>Focus Point Selection<br>Touch Screen UI for Shooting Settings<br>Yes<br>Yes (Line / Line + Spot / RGB Parade / YPrPb<br>Parade)<br>Yes (6 Colour Index)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Smartphone Application<br/>Support</b>                                                                                                                                | Video Mode:<br>Standard, Backlight, Spotlight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>False Colour Display<br/>(Exposure Indication)</b><br><b>Colour Bars</b><br><b>Peaking</b>                                                                                                                                                                                                                                | SMPT-E / EBU / ARIB<br>Peaking 1, Peaking 2 (Colour, Gain, Frequency<br>customisable)<br>Level 1; Level 2; Both<br>On/Off selectable: centre, horizontal / vertical,<br>grid, aspect, safe area and user marker. Colour<br>selectable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Exposure Compensation</b><br><b>Auto Exposure Mode</b><br><b>Push Auto Iris</b><br><b>Exposure Lock</b><br><b>Auto Gain Control Setting</b><br><b>ISO Sensitivity</b> | Photo Mode:<br>Evaluative, Partial, Spot, Centre weighted average<br>Yes<br>Yes (Video mode: Auto Iris / ISO)<br>Yes<br>Yes<br>Yes<br>Video Mode:<br>ISO 100 to ISO 25,600 / 102,400* (increments of<br>1 or 1/3 stop)<br>* When the sensitivity is expanded                                                                                                                                                                                                                                                                                                                                                   |
| <b>Zebra</b><br><b>Markers</b>                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                          | Photo Mode:<br>ISO 100 to ISO 51,200 / 102,400* (increments of<br>1 or 1/3 stop)<br>* When the sensitivity is expanded<br>* All values available when Base ISO is set to Automatic                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>EVF</b><br><b>Built-In EVF</b>                                                                                                                                                                                                                                                                                            | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Auto Focus System</b><br><b>AF Frame Sizes</b>                                                                                                                        | Dual Pixel CMOS AF II<br>Full: approx. 100% (Vertical) x approx. 100%<br>(Horizontal)<br>Small Zone: Video display range approx.<br>14.7% (Vertical) x 12.2% (Horizontal)<br>Flexible Zone 1: Video display range<br>approx. 38% (Vertical) x 26% (Horizontal)<br>Flexible Zone 2: Video display range<br>approx. 85% (Vertical) x 26% (Horizontal)<br>Flexible Zone 2: Video display range<br>approx. 38% (Vertical) x 77% (Horizontal)<br>Continuous AF / One-Shot AF<br>Yes (Eye / Face / Head / Body)<br>Video Mode:<br>Dogs / Cats / Birds                                                                |
| <b>INPUTS / OUTPUTS</b><br><b>Audio In</b>                                                                                                                                                                                                                                                                                   | 2x XLR 3-pin jack (Handle Unit)<br>1x 3.5 mm stereo mini jack<br>Built in Stereo microphones on camera body<br>1x 3.5mm stereo mini jack                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Auto Focus Modes</b><br><b>Face Detection AF</b><br><b>Animal Detection AF</b>                                                                                        | Photo Mode:<br>Dogs / Cats / Birds / Horses / Motorsports /<br>Aircrafts / Trains<br>Yes, with compatible Canon lenses<br>'-6dB', '-3dB', '-2dB**~48dB, 51dB*, 54dB*<br>*when ISO Extended Range is set to ON<br>**when ISO Extended Range is set to OFF<br>*All values available when Base ISO is set to Automatic                                                                                                                                                                                                                                                                                            |
| <b>Headphone Output</b><br><b>Video Monitor Output</b><br><b>HDMI</b><br><b>USB</b><br><b>SDI Output</b><br><b>Time Code</b><br><b>Genlock</b><br><b>Sync</b><br><b>Multi-Accessory Shoe</b><br><b>DC Input</b><br><b>Remote Control Terminal</b><br><b>Lens Terminal</b><br><b>Ethernet Terminal</b><br><b>IP Streaming</b> | No<br>1x HDMI (Type-A)<br>1x USB-C Data Terminal (USB3.2 Gen2)<br>No<br>1x DIN1.0/2.3 (Input / Output)<br>No<br>No<br>Yes (via camera body)<br>Yes, via DR-E6P / DR-E6C DC Coupler<br>1x E3 2.5mm remote jack<br>No<br>No, requires a compatible USB-C Ethernet Adapter<br>IP Streaming via Network connection<br>9 Mbps / 4 Mbps: 1920 x 1080 (59.94p / 59.94i /<br>50.00p / 50.00i)<br>UDP / RTP / SRT / RTP+FEC / RTSP+RTP<br>USB Video Class Support:<br>2048x1080 / 1920x1080 / 1620x1080<br>(depending on recording resolution)<br>25P / 30P / 50P / 60P<br>USB Audio Class Support:<br>Linear PCM (16-bit / 48 kHz, 2 channels)<br>Yes, in-built LUTs available for monitoring.<br>Custom LUTs can be applied directly to<br>internal recordings via Look File function<br>(compatible with 17 or 33 grid .cube files)<br>Yes, via Network using XC Protocol<br>No | <b>Focus Guide</b><br><b>Gain Setting</b>                                                                                                                                | Video Mode:<br>Off; Speed; Angle; Clear Scan; Slow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UVC Output</b>                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>SHUTTER</b><br><b>Control Modes</b>                                                                                                                                   | Photo Mode:<br>Electronic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UAC Output</b>                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>User LUT Input</b>                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Tally Signal</b><br><b>Return Signal Input</b>                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



|                                                       |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shutter Speed</b>                                  | <p>Video Mode:<br/>1 sec to 1/2000 (1/3 or 1/4 stop increments),<br/>47 options</p> <p>Photo Mode:<br/>30 sec to 1/8000 (1 stop increments)<br/>15 sec to 1/16000 (1 stop increments)<br/>Bulb (Total shutter speed range. Available<br/>range varies by shooting mode)<br/>11.25° to 360°</p> | <b>Optional</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>DR-E6P DC Coupler<br/>DR-E6C DC Coupler + AC Adapter CA-946<br/>PD-E1* / PD-E2 USB Power Adapter<br/>BG-R20 Battery Grip<br/>PL-RF Mount Adapter<br/>EF-EOS R Mount Adapter<br/>EF-EOS R Control Ring Mount Adapter<br/>EF-EOS R Drop-In Filter Mount Adapter<br/>EF-EOS R 0.71x Mount Adapter<br/>RC-IP100 Remote Camera Controller<br/>RC-IP1000 Remote Camera Controller<br/>DM-E1D Multi-Function Shoe Directional<br/>Stereo Microphone<br/>DM-E1 Directional Stereo Microphone<br/>BR-E1 Wireless Remote Control<br/>RS-80E3 / RS-60E3 / RS-80N3** Remote Switch<br/>GP-E2 GPS Receiver<br/>OC-E4A Off-Camera Shoe Cord<br/>IFC-100U / IFC-400U Interface Cable<br/>*PD-E1 Limited to charging only in video mode<br/>**RA-E3 Remote Controller Adapter required to connect<br/>RS-80N3<br/>Tascam CA-XLR2d XLR Microphone Adapter</p> |
| <b>Shutter Angle</b><br><b>Slow Shutter (SLS)</b>     | 1/3, 1/4, 1/6, 1/8, 1/12, 1/15, 1/25, 1/30 depending<br>on frame rate                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Clear Scan</b>                                     | approx. 24 Hz ~ 2000 Hz depending on frame rate                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>CUSTOM PICTURE</b><br><b>Stored Configurations</b> | <p>Video Mode:<br/>C1: Canon 709<br/>C2: Canon Log 2<br/>C3: Canon Log 3<br/>C4: BT.709 Wide DR<br/>C5: BT.709 Standard<br/>C6: PQ<br/>C7: HLG<br/>C8: EOS Standard<br/>C9: EOS Neutral<br/>C10: User10 ~ User20</p>                                                                           | <b>Third Party Accessories</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>HDR-HLG Profile</b>                                | BT.2100: Corresponds to ITU-R BT.2100<br>Vivid: Corresponds to Traditional Colour in<br>ITU-R BT.2390                                                                                                                                                                                          | <b>POWER SOURCE</b><br><b>Power Supply (Battery)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>LP-E6P Battery Pack (Supplied)<br/>LP-E6NH* Battery Pack (Optional)<br/>*Some functionality such as Network communication, LCD<br/>Luminance boost, HDR Assist, and lens functionality may<br/>become limited when using LP-E6NH battery packs instead of<br/>LP-E6P<br/>DR-E6P DC Coupler<br/>DR-E6C DC Coupler + AC Adapter CA-946<br/>USB-C Power Adapter PD-E2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Colour Matrix</b>                                  | <p>Neutral: Accurate colour reproduction<br/>Production Camera: Colour reproduction for use<br/>in movie production<br/>Video: Colour reproduction with contrast for TV<br/>broadcasts</p>                                                                                                     | <b>Power supply (Mains)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Image Adjustment</b><br><b>Parameters</b>          | <p>Master Pedestal<br/>Master Black<br/>Black Gamma<br/>Low Key Saturation<br/>Knee<br/>Sharpness<br/>Noise Reduction<br/>Skin Detail<br/>Colour Matrix Tuning<br/>White Balance<br/>Colour Correction</p>                                                                                     | <b>PHYSICAL SPECIFICATIONS</b><br><b>Dimensions</b><br><b>(Main Body Only)</b><br><b>Weight (Body Only)</b><br><b>Weight (Accessories)</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>Approx. 142 x 88 x 95 mm</p> <p>Approx. 670g<br/>Handle unit: approx. 300g<br/>Microphone holder + 2 screws: approx. 60g<br/>LP-E6P Battery Pack: approx. 82g<br/>LC-E6 Battery Charger: approx. 110g<br/>LC-E6E Battery Charger: approx. 100g</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Wi-Fi &amp; GPS</b><br><b>SPECIFICATIONS</b>       |                                                                                                                                                                                                                                                                                                | <b>Operating Temperature Range</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Approx. 0 to 40°C, (85% relative humidity)<br/>Approx. -5 to 45°C, (60% relative humidity)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Wi-Fi</b>                                          | In-built (2.4 / 5GHz bands)<br>Supporting 802.11a/b/g/n/ac                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>GPS Information (Optional</b><br><b>Accessory)</b> | Only when equipped with GP-E2 GPS Receiver                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>WHITE BALANCE</b><br><b>Auto</b><br><b>Preset</b>  | <p>Yes</p> <p>Video Mode:<br/>Daylight (5600K), Tungsten (3200K), Kelvin<br/>(2000K-15000K, 100K or 5-mired increments),<br/>Set A, Set B</p>                                                                                                                                                  | <b>Footnotes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>White Balance Shift</b>                            | <p>Photo Mode:<br/>AWB, Daylight, Shade, Cloudy, Tungsten,<br/>Fluorescent, Flash, Manual, Color Temp (100K<br/>increments)<br/>*Video Mode:<br/>-20CC ~ +20CC</p> <p>Photo Mode:<br/>-9 to +9 (Blue/Amber)<br/>-9 to +9 (Magenta/Green)</p>                                                   | <p>[1] Recording above 600Mbps only available via CFexpress<br/>[2] Based on 25P recording on a 512GB card at maximum bitrate<br/>[3] Relay Recording not available during RAW Recording<br/>[4] Proxy recording available in XF-AVC, XF-AVC S and XF-HEVC S (depending on the main format<br/>selected). Not available in S&amp;F mode above 60FPS<br/>[5] Pre Record not available during RAW or S&amp;F Recording<br/>[6] Continuous Recording not available during RAW or XF-AVC Recording<br/>[7] Optical Servo Zoom requires a compatible RF Lens</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>TIME CODE</b><br><b>Count Up System</b>            | Regen / RecRun / Free Run / External                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AUDIO</b><br><b>Recording Format</b>               | <p>RAW / XF-AVC: Linear PCM (24-bit / 48 kHz, 4<br/>channels)<br/>XF-AVC S / XF-HEVC S: Linear PCM (24-bit / 48<br/>kHz, 4 channels) or MPEG2-AAC LC (16-bit 48kHz)<br/>2 channels</p>                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ACCESSORIES</b><br><b>Supplied</b>                 | <p>Handle Unit<br/>LP-E6P Battery Pack<br/>Battery Charger LC-E6E<br/>Microphone Holder<br/>Shoulder Strap<br/>AC Cable</p>                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## OPEN A WORLD OF CINEMATIC POSSIBILITIES

# EOS C50

The EOS C50 is a compact 7K Full Frame Cinema EOS camera with RF mount, Open Gate recording, pro audio, and 32MP stills – perfect for versatile, high-quality solo video production.

**Sales Start Date: November 2025**



### Product details

| Product Name     | Mercury Code | EAN Code      |
|------------------|--------------|---------------|
| Canon EOS C50 GB | 7034C011AA   | 8714574690391 |

### Optional Accessories

| Accessory Name                                | Mercury Code | EAN Code      |
|-----------------------------------------------|--------------|---------------|
| LENS EXTENDER RF1.4X EMEA                     | 4113C005     | 4549292168044 |
| LENS EXTENDER RF2X EMEA                       | 4114C005     | 4549292168051 |
| MOUNT ADAPTER PL-RF EMEA                      | 6890C001     | 4549292240856 |
| MOUNT ADAPTER EF-EOS R 0.71X EMEA             | 4757C001     | 4549292177138 |
| MOUNT ADAPTER EF-EOS R EMEA                   | 2971C005     | 4549292115703 |
| CONTROL RING MOUNT ADAPTER EF-EOS R EMEA      | 2972C005     | 4549292115710 |
| DIF MT ADAPTER EF-EOS R WITH V-ND FILTER EMEA | 3443C005     | 4549292141610 |
| DIF MT ADAPTER EF-EOS R WITH C-PL FILTER EMEA | 3442C005     | 4549292141603 |
| BATTERY PACK LP-E6P EMEA                      | 6537C001     | 4549292229288 |
| BATTERY PACK LP-E6NH EMEA                     | 4132C002     | 4549292157239 |
| CAMERA BATTERY CHARGER LC-E6E                 | 3349B001     | 4960999627502 |
| STEREO MICROPHONE DM-E1D EMEA                 | 5138C001     | 4549292185782 |
| DIRECTIONAL MICROPHONE DM-E1 EU8              | 1429C001     | 4549292065732 |
| CAMERA REMOTE SWITCH RS-60 E3 EMEA            | 2469A002     | 4960999581354 |

The Canon logo, consisting of the word "Canon" in its signature red font.

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### Optional Accessories

| Accessory Name                       | Mercury Code | EAN Code      |
|--------------------------------------|--------------|---------------|
| CAMERA REMOTE SWITCH RS-80N3 EMEA    | 2476A001     | 4960999581576 |
| REMOTE CONTROLLER ADAPTER RA-E3 EMEA | 1157C001     | 4549292058833 |
| WIRELESS REMOTE CONTROL BR-E1 EMEA   | 2140C001     | 4549292087864 |
| TRIPOD GRIP HG-100TBR EMEA           | 4157C001     | 4549292157956 |
| REMOTE CONTROLLER RC-IP100 EMEA      | 5231C002     | 4549292193442 |
| REMOTE CONTROLLER RC-IP1000 EMEA     | 6529C001     | 4549292232639 |
| USB POWER ADAPTER PD-E1 EMEA         | 3250C003     | 4549292125412 |
| USB POWER ADAPTER PD-E2 EMEA         | 6871C003     | 4549292241990 |
| DC COUPLER DR-E6P EMEA               | 6576C001     | 4549292230109 |
| DC COUPLER DR-E6C EMEA               | 5664C001     | 4549292200409 |
| AC ADAPTER CA-946 EMEA               | 1764C003     | 4549292084245 |
| BATTERY GRIP BG-R20 EMEA             | 6762C001     | 4549292236330 |
| INTERFACE CABLE IFC-100U EMEA        | 3224C001     | 4549292124200 |
| INTERFACE CABLE IFC-400U EMEA        | 3225C001     | 4549292124224 |
| OFF CAMERA SHOE CORD OC-E4A EMEA     | 6104C001     | 4549292218008 |

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### Measurement / logistic information

| Product Name     | Mercury Code | Pack type | Pack description   | Quantity per pack | Length (cm) | Width (cm) | Height (cm) | Net Weight (kg) | Gross Weight (kg) |
|------------------|--------------|-----------|--------------------|-------------------|-------------|------------|-------------|-----------------|-------------------|
| Canon EOS C50 GB | 7034C011AA   | EA        | Each               | 1                 | 28.90       | 20.40      | 15.60       | 1.43            | 1.93              |
|                  |              | CT        | Carton             | 4                 | 8.63        | 59.80      | 33.10       |                 | 8.63              |
|                  |              | EP        | Euro Pallet        | 80                | 120         | 80         | 132.50      |                 | 187.60            |
|                  |              |           | Layers per Pallet  | 5                 |             |            |             |                 |                   |
|                  |              |           | Cartons per Layer  | 4                 |             |            |             |                 |                   |
|                  |              |           | Products per Layer | 16                |             |            |             |                 |                   |



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### What's in the box

#### Canon EOS C50

- EOS C50 BODY EU
- Shoe Cover
- Camera Cover R-F-5
- Handle Unit
- Microphone Holder Unit
- Screw for Microphone Holder Unit (M4)
- Battery Charger LC-E6E
- AC Cable EU
- Battery Pack LP-E6P
- Battery Pack Cover
- SS-1200 Shoulder Strap
- Printed Matter Unit
- Packaging

