**Canon**

## CINEMA EOS CAMERAS

### EOS C500 Mark II
`5.9K`

Impressive usability and imaging power combine in the Cinema EOS C500 Mark II, the compact and lightweight digital cinema camera that's built for creative freedom. The 5.9K full-frame CMOS sensor and DIGIC DV 7 Image Processor produce imagery that not only meets, but exceeds the demands of modern-day productions. Capable of recording Cinema RAW Light and XF-AVC file formats onto internal CFexpress™ cards, the EOS C500 Mark II eliminates the need for an external recorder. Featuring a highly modular design with three expansion units and easy interchangeability between EF, Locking EF (EF-C) and PL mounts, it allows users to build their ideal camera system for virtually any situation and create their own unique cinematic thumbprint.

### EOS C300 Mark III
`4K` `UHD`

The EOS C300 Mark III is a customizable cinema camera that's built for versatility and flexibility. The lightweight body comes equipped with Canon's new Super 35mm Dual Gain Output (DGO) sensor, capable of over 16 stops of dynamic range. The DIGIC DV 7 image processor expands functionality and flexibility by enabling features such as internal Cinema RAW Light recording, 4K 120p High Frame Rate recording, Dual Pixel CMOS Autofocus, and face detection and tracking. The EOS C300 Mark III camera is the perfect expression of form and function, adaptable to virtually any production with its modular design. Three expansion units and user changeable lens mounts enable operators to build their ideal system for cinema or broadcasting.

### EOS C70
`4K` `UHD`

The compact, portable EOS C70 was the first Cinema EOS camera with a built-in RF lens mount, allowing users access to the superb RF lens lineup. Featuring a Super 35mm Dual Gain Output (DGO) sensor capable of over 16 stops of total dynamic range, a DIGIC DV 7 image processor, 4K 120p recording, Dual Pixel CMOS AF, Eye AF, face detection and tracking, and Internal RAW recording capability with Cinema RAW Light, the high-performance EOS C70 is ideal for professional documentary, news-gathering and corporate videos.

### EOS R5C
`8K`

Compact and lightweight, the EOS R5 C is a true hybrid camera, boasting many of the video formats and features from the Cinema EOS lineup as well as many of the still-imaging capabilities of the EOS R5 camera in a beautifully designed body. This camera is a complete package that offers filmmakers, multimedia journalists, and advanced amateurs a cost-effective 8K, 4K, and FHD video camera to help unlock their creative potential.

## CINEMA EOS CAMERA EXPANSION UNITS FOR C500 MARK II AND C300 MARK III

### EU-V1
The EU-V1 adds three terminals for connections that enable remote operation of the camera, including Genlock/Sync Out, Remote B (RS-422), and Ethernet. This unit is ideal for multi-camera shooting or special equipment such as gimbals, cranes, and drones.

### EU-V2
This expansion unit offers extension of system connectivity with multiple input and output terminals including Genlock/Sync Out, Remote B (RS-422), Ethernet, DC Out (24V, 2A), a lens control port and a V-mount battery mount with D-Tap for compatibility with third party battery systems. CINE-SERVO or B4 lenses connected to the LENS terminal can be controlled from the camera. This unit is ideal for moviemaking and high-end television productions.

### EU-V3
The EU-V3 transforms the C500 Mark II and C300 Mark III into versatile live production systems with the addition of many key features. The Expansion Unit has a 4-pin XLR DC power input, powering both the EU-V3 and the camera body. A return video input and Ethernet port with tally that also allows remote control of camera settings similarly adds key features for studio or live event production. Additionally, the EU-V3 includes a Hirose 12-pin port for lens control and power, an industry-standard v-lock battery mount, menu navigation and 4 assignable buttons.

**Canon**

# CINEMA EOS CAMERA COMPARISON CHART

CINEMA EOS

# CINEMA EOS CAMERAS COMPARISON SPECIFICATIONS

| | | EOS C500 Mark II | EOS C300 Mark III | EOS C70 | EOS R5C |
|---|---|---|---|---|---|
| **Image Sensing Device** | Sensor | Full-frame / Super 35mm (Crop) /Super 16mm (Crop) CMOS Sensor with DPAF Technology | Super 35mm / Super 16mm (crop) CMOS Dual Gain Output Sensor with DPAF technology | Super 35mm / Super 16mm (Crop) CMOS Dual Gain Output Sensor with DPAF technology | Full Frame CMOS sensor (compatible with Dual Pixel CMOS AF) |
| | Total Pixels | 20.8 Megapixels (6062 x 3432) | 9.6 Megapixels (4206 x 2280) | 9.6 Megapixels (4206 x 2280) | Approx. 47.1 megapixels |
| | Effective Pixels | 18.69 Megapixels (5952 x 3140): 5.9K/4K/2K DCI Recording 17.52 Megapixels (5580 x 3140): UHD/FHD Recording | 8.85 Megapixels (4096 x 2160): 4K/2K DCI Recording 8.29 Megapixels (38040 x 2160): UHD/FHD Recording | 8.85 Megapixels (4096 x 2160): 4K/2K DCI Recording 8.29 Megapixels (3840 x 2160): UHD/FHD Recording | Approx. 45.0 megapixels |
| **Lens Mount** | | User interchangeable: EF-mount, EF-mount (Cinema lock-type), PL mount | User interchangeable: EF-mount, EF-mount (Cinema lock-type), PL mount | RF Mount (Compatible lenses: RF lenses and EF lenses, includes EF-S lenses/EF cinema lenses)^ | RF Mount (Compatible lenses: RF lenses and EF lenses, includes EF-S lenses/EF cinema lenses)^ |
| **Image Processing Platform** | | DIGIC DV 7 | DIGIC DV 7 | DIGIC DV 7 | DIGIC X |
| **Exposure** | Exposure Mode | Manual exposure (Based on shutter setting, iris setting, ISO/gain setting and ND filter setting), Push auto iris control, auto iris control (Light metering system selection/AE shift possible) | Manual exposure (Based on shutter setting, iris setting, ISO/gain setting and ND filter setting), Push auto iris control, auto iris control (Light metering system selection/AE shift possible) | Manual exposure (Based on shutter setting, iris setting, ISO/gain setting and ND filter setting), Push auto iris control, auto iris control (Light metering system selection/AE shift possible), Auto ISO | Scene Intelligent Auto, Flexible-priority AE (Fv), Program AE (P), Shutter-priority AE (Safety shift possible) (Tv), Aperture-priority AE (Safety shift possible) (Av), Manual exposure (M), Bulb, Custom shooting mode C1, C2, C3 |
| | Shutter Setting | Speed, Angle, Clear Scan, Slow or Off mode selected. Either 1/3 or 1/4 stops selected as speed increment | Speed, Angle, Clear Scan, Slow or Off mode selected. Either 1/3 or 1/4 stops selected as speed increment | Speed, Angle, Clear Scan, Slow or Off mode selected. Either 1/3 or 1/4 stops selected as speed increment | 1/3-stop increments (1/1 to 1/2000), 1/4-stop increments (1/1 to 1/2000) |
| | Iris Setting | Can be set to 1/2-stop, 1/3-stop or Fine (1) Push auto iris control (2) Auto iris control | Can be set to 1/2-stop, 1/3-stop or Fine (1) Push auto iris control (2) Auto iris control | 1/2-stop, 1/3-stop or fine setting selected: Push auto iris control, Auto iris control* | 1/2-stop, 1/3-stop or fine setting selected: Push auto iris control, Auto iris control* |
| | ISO | 1-stop, 1/3-stop settings: 100** – 160 – 25600 – 102400** | 1-stop, 1/3-stop settings: 100** – 160 – 25600 – 102400** | 1-stop, 1/3-stop settings: 100** – 160 – 25600 – 102400** | ISO 160–25600 (in 1/3- or 1-stop increments†) |
| | Internal ND Filter | 5 density settings (2, 4, 6, 8⁰, 10⁵ stops) | 5 density settings (2, 4, 6, 8⁰, 10⁵ stops) | 5 density settings (2, 4, 6, 8⁰, 10⁵ stops) | – |
| **Focus Control/Assist◇◇** | | Dual Pixel CMOS AF (DPAF), Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF (Only lenses that support AF functions can be used in any of these modes), Dual Pixel AF for 100p and 120p recording modes. Face Detection AF and Subject Tracking AF during slow & fast recording (S&F). | Dual Pixel CMOS AF (DPAF), Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF (Only lenses that support AF functions can be used in any of those modes), Face Detection AF and Subject Tracking AF during slow & fast recording (S&F) | Dual Pixel CMOS AF (DPAF), Manual Focus, One-Shot AF, Continuous AF, AF-Boosted MF, Face Detection AF (Only lenses that support AF functions can be used in any of these modes), Eye AF, Face Detection AF and Subject Tracking AF during slow & fast recording (S&F recording when set to 24-120p) | Dual Pixel CMOS AF (DPAF), Manual Focus, One-Shot AF, Continuous AF, Face Detection AF, Eye Detection AF, AF Tracking (Only lenses that support AF functions can be used in any of these modes) |
| **LCD Monitor** | | LM-V2 LCD Monitor (Included), 4.3-inch LCD with 16:9 4.0-inch wide-screen LCD with 16:9 aspect ratio. Approx. 2.76 million dots | LM-V2 LCD Monitor (Included), 4.3-inch LCD with 16:9 4.0-inch wide-screen LCD with 16:9 aspect ratio, Approx. 2.76 million dots | 3.5-inch (8.8 cm diagonal) color wide-screen LCD with 16:9 aspect ratio, Approx. 2.76 million dots (1280 x RGB x 720) | Vari-angle 3.2-inch touch screen (screen aspect ratio of 3:2) TFT color, liquid-crystal monitor, Approx. 2.1 million dots |
| **Viewfinder** | | Optional OLED Electronic Viewfinder EVF-V50 or EVF-V70 (sold separately) | Optional OLED Electronic Viewfinder EVF-V50 or EVF-V70 (sold separately) | N/A | OLED color electronic viewfinder; approx. 5.76 million dots resolution |
| **White Balance** | | Kelvin setting (setting range: 2000K to 15000K/-20CC to +20CC), AWB, Daylight, Tungsten, Set A, Set B | Kelvin setting (setting range: 2000K to 15000K /-20CC to +20CC), AWB, Daylight, Tungsten, Set A, Set B | Kelvin setting (setting range: 2000K to 15000K/-20CC to +20CC), AWB, Daylight, Tungsten, Set A, Set B | Auto, Custom (Custom WB), Color temperature (2,000-15,000 K), Preset WB (daylight or tungsten) |
| **System Frequency Selection** | Frame Rate | 59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P 50.00 Hz mode: 50.00i/50.00P/25.00P 24.00 Hz mode: 24.00P | 59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P 50.00 Hz mode: 50.00i/50.00P/25.00P 24.00 Hz mode: 24.00P | 59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P 50.00 Hz mode: 50.00i/50.00P/25.00P 24.00 Hz mode: 24.00P | 59.94 Hz mode: 59.94i/59.94P/29.97P/23.98P 50.00 Hz mode: 50.00i/50.00P/25.00P 24.00 Hz mode: 24.00P* |
| **Recording Media** | CFast™/CFexpress™ Card | CFexpress™: Recording of movie (Cinema RAW Light/XF-AVC), custom pictures, metadata (2 slots), Support for VPG400-certified CFexpress 2.0 (Type B) media | CFexpress™: Recording of movie (Cinema RAW Light/ XF-AVC), custom pictures, metadata (2 slots), Support for VPG400-certified CFexpress 2.0 (Type B) media | – | CFexpress card, Type B ; Card slot (1) |
| | SD Card | Recording of movie (XF-AVC (proxy)), photos (JPEG), custom pictures, metadata, menus and other data | Recording of movie (XF-AVC (proxy)), photos (JPEG), custom pictures, clip metadata, menu settings, SD/SDHC/SDXC Supported | 2 slots; Recording of movie, photos (JPEG), custom pictures, clip metadata, menu settings, SD/SDHC/SDXC Supported | *SD card type: SD, SDHC, SDXC UHS Speed Class: U3 Video Speed Class: V30, V60, V90 Card slot (1)* |
| **File Formats** | | Cinema RAW Light, XF-AVC | Cinema RAW Light, XF-AVC | Cinema RAW Light, XF-AVC, MP4 (HEVC), MP4 (H.264) | Cinema RAW Light, XF-AVC, MP4 (HEVC), MP4 (H.264) |
| **Codec** | Video | XF-AVC: MPEG-4 AVC/H.264 | XF-AVC: MPEG-4 AVC/H.264 | XF-AVC: MPEG-4 AVC/H.264 (10bit, 8bit (proxy)), MP4(HEVC): H.265/HEVC (10bit), MP4(H.264): MPEG-4 AVC/H.264 (8bit) | XF-AVC/H.264 (10bit, 8bit (proxy), MP4(HEVC): H.265/HEVC (10bit), MP4(H.264): AVC/H.264 (8bit) |
| | Audio | Linear PCM (24bit - 48kHz - 4 channels) | Linear PCM (24bit - 48kHz - 4 channels) | XF-AVC: Linear PCM (24bit, 48kHz) 4-channel recording, MP4 (1): MPEG-2 AAC LC (16bit, 48 kHz, 2-channel), MP4 (2): Linear PCM (16bit, 48 kHz, 4-channel) | XF-AVC: Linear PCM (24bit, 48kHz) 4-channel recording, MP4(HEVC): H.265/HEVC: Linear PCM, AAC (16bit, 48kHz 2 or 4-channel recording) |
| **Video Formats** | | **Cinema RAW Light:** Resolution: 5952 x 3140, 4096 x 2160, 2048 x 1080, 10bit (59.94P/50.00P), 12bit (29.97P/23.98P/ 25.00P/24.00P) Bit Rate: 2.1Gbps/1Gbps/250 Mbps<br>**XF-AVC (Intra-frame recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit/3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit/1920 x 1080 YCC422 10bit Bit Rate: 810/410/310/160 Mbps<br>**XF-AVC (Long GOP recording):** Resolution / Color Sampling: 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit Bit Rate: 260/160/50/24Mbps<br>**XF-AVC (Proxy):** Resolution / Color Sampling: 2048 x1080 YCC420 8bit Bit Rate: 35/24 Mbps Long GOP | **Cinema RAW Light:** Resolution: 4096 x 2160, 2048 x 1080, 10bit (59.94P/50.00P), 12bit (29.97P/23.98P/ 25.00P/24.00P) Bit Rate: 1Gbps/250Mbps<br>**XF-AVC (Intra-frame recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit, 3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit Bit Rate: 810/410/310/225/ 210/160Mbps<br>**XF-AVC (Long GOP recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit, 3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit, 1280 x 720 YCC422 10bit Bit Rate: 260/160/50/24Mbps<br>**XF-AVC (Long GOP Proxy recording):** Resolution / Color Sampling: 2048 x 1080 YCC420 8bit, 1920 x 1080 YCC420 8bit, 1280 x 720 YCC420 8bit Bit Rate: 35/24/17Mbps | **Cinema RAW Light:** Resolution: 4096 x 2160, 2048 x 1080, 12bit (59.94P / 29.97P / 23.98P / 50P / 25.00P /24.00P) Bit Rate: 645/66Mbps<br>**XF-AVC (Intra-frame recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit, 3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit Bit Rate: 600/500/410/310/300/250/240/160 Mbps<br>**XF-AVC (Long GOP recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit, 3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit, 1280 x 720 YCC422 10bit Bit Rate: 260/160/50/24Mbps<br>**MP4 (Long GOP recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit, 3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit Bit Rate: 225/170/150/100/135/50/35/12/9/8Mbps | **Cinema RAW Light:** Resolution: DCI 8K 8192x4320, 12bit (59.94P / 29.97P/ 23.98P/ 25.00P/24.00P) Bit Rate: 2.5Gbps/138Mbps<br>**XF-AVC (Intra-frame recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit, 3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit, 1280x720 YCC422 10bit Bit Rate: 810/410/310/160Mbps<br>**XF-AVC (Long GOP recording):** Resolution / Color Sampling: 4096 x 2160 YCC422 10bit, 3840 x 2160 YCC422 10bit, 2048 x 1080 YCC422 10bit, 1920 x 1080 YCC422 10bit, 1280 x 720 YCC422 10bit Bit Rate: 260/160/50/24Mbps<br>**XF-AVC (Long GOP Proxy recording):** Resolution / Color Sampling: 2048 x 1080 YCC420 8bit, 1280 x 720 YCC420 8bit Bit Rate: 35/24/17Mbps<br>**MP4 (HEVC recording):** 8120x4320 YCC422 10bit YCC420 10bit, 7680x4320 YCC422 10bit YCC420 10bit, MP4 (HEVC recording): 4096x2160 YCC422 10bit YCC420 10bit, 3840x2160 YCC422 10bit YCC420 10bit, 2048x1080 YCC422 10bit YCC420 10bit, 1920x1080 YCC422 10bit YCC420 10bit, 1280x720 YCC422 10bit YCC420 10bit MP4 (H.264 recording): 096x2160 YCC422 10bit YCC420 10bit, 3840x2160 YCC422 10bit YCC420 10bit, 2048x1080 YCC422 10bit YCC420 10bit, 1920x1080 YCC422 10bit YCC420 10bit, 1280x720 YCC422 10bit YCC420 10bit |
| **Terminal (Camera Body Only)** | Input | MIC jack (3.5mm), INPUT terminals (1/2)†, REMOTE terminal (A), USB | MIC jack (3.5mm), INPUT terminals (1/2)†, REMOTE terminal (A), USB | MIC jack (3.5mm), INPUT terminals (1/2)† - Mini-XLR, REMOTE terminal A (LANC/RC-V100) | MIC jack (3.5mm) |
| | Output | HDMI OUT terminal, headphone jack, MON. terminal, SDI OUT terminal (12G-SDI supported), VIDEO terminal | HDMI OUT terminal, headphone jack, MON. terminal, SDI OUT terminal (12G-SDI supported), VIDEO terminal | HDMI OUT terminal, 3.5mm stereo headphone mini-jack | HDMI OUT terminal (Micro/TYPE-D) Supports RAW HDMI Out (8K), Hi-Speed USB (USB 3.1 Gen 2), 3.5mm stereo headphone mini-jack |
| | Input/Output Control | TIME CODE terminal, expansion system terminal, expansion unit connector†† | TIME CODE terminal, expansion system terminal, expansion unit connector†† | TIME CODE terminal, USB (Type-C, for Wi-Fi/Ethernet/GP-E2), USB to Wi-Fi and Ethernet adapters (canon.us/c70adapters) for remote IP XC Protocol Control, Browser Remote, FTP file transfer and IP streaming. | TIME CODE terminal (DIN 1.0/2.3) |
| **Related Accessories** | | Battery Pack BP-A30/BP-A60, Canon Battery Charger CG-A10, Remote Controller RC-V100, Wireless File Transmitter WFT-E9A, GPS Receiver GP-E2, Interface Cable IFC-40AB III/IFC-150AB III, Unit Cable UN-10, OLED Electronic View Finder EVF-V50/EVF-V70, Expansion Unit 1: EU-V1, Expansion Unit 2: EU-V2, Expansion Unit 3: EU-V3, EF Cinema Lock Mount Kit CM-V1, PL Mount Kit PM-V1, LCD Monitor LM-V1, LCD Attachment Unit LA-V1, Clamp Base CL-V2, 8-pin Remote Cable RR-10/RR-100 | Battery Pack BP-A30/BP-A60, Canon Battery Charger CG-A10, Remote Controller RC-V100, Wireless File Transmitter WFT-E9A, GPS Receiver GP-E2, Interface Cable IFC-40AB III/IFC-150AB III, Unit Cable UN-10, OLED Electronic View Finder EVF-V50/EVF-V70, Expansion Unit 1: EU-V1, Expansion Unit 2: EU-V2, Expansion Unit 3: EU-V3, EF Cinema Lock Mount Kit CM-V1, PL Mount Kit PM-V1, LCD Monitor LM-V1, LCD Attachment Unit LA-V1, Clamp Base CL-V2, 8-pin Remote Cable, RR-10/RR-100 | Battery Pack BP-A30/BP-A60 Canon Battery Charger CG-A10, Remote Controller RC-V100, GPS Receiver GP-E2, Interface Cable IFC-40AB III/IFC-150AB III, Mount Adapter EF-EOS RControl Ring Mount Adapter EF-EOS R, Drop-In Filter Mount Adapter EF-EOS R, Mount Adapter EF-EOS R 0.71x | Battery Pack LP-E6NH, Battery Grip BG-R10, Compact Power Adapter CA-946, DC Coupler DR-E6C, Stereo Microphone DM-E1D, Mount Adapter EF-EOS R, Control Ring Mount Adapter EF-EOS R, Drop-In Filter Mount Adapter EF-EOS R, Mount Adapter EF-EOS R 0.71x, GPS Receiver GP-E2, Interface Cable IFC-100U, Battery Charger LC-E6E, USB Power Adapter PD-E1, Wireless File Transmitter WFT-R10A |
| **Third-party Products** | | IDX: V-Mount battery (When EU-V2 or EU-V3 Expansion Units are attached) | IDX: V-Mount battery (When EU-V2 or EU-V3 Expansion Units are attached) | For remote camera control via XC IP Protocol: Skaarhoj RCP, RCP Pro, CyanView RCP. | – |
| **Dimensions (W x H x D)** | | Approx. 6.0 x 5.8 x 6.6 in./ 153 x 148 x 168mm body only | Approx. 6.0 x 5.8 x 6.6 in./ 153 x 148 x 168mm body only | Approx. 6.3 x 5.1 x 4.6 in. / 160 x 130 x 117mm body only | Approx. 5.6 x 4.0 x 4.4 in. / 142 x 101 x 111mm |
| **Weight** | | Approx. 3.9 lb./1750g | Approx. 3.9 lb./1750g | Approx. 2.6 lb./1179g body only | Approx. 1.5 lbs. / 680g (body only; without battery, card or body cap) |

* For a list of compatible lenses, please visit the respective product pages on usa.canon.com.  ** When the sensitivity is expanded.  ◇ When expansion is selected.  ◇◇ Lenses must support AF.  † Digital input (AES/EBU standards) supported.  †† For EVF-V50, EU-V1 or EU-V2 Expansion Units.  ^ EF lenses are compatible with EF Mount Adapter.