



Production Workflows & Imaging

CAMERA PRODUCTION GUIDE | EOS R5 C

Settings and best-practices for capture with the EOS R5 C on Netflix 4k Originals.

[EOS R5 C Operation Manual](#) and [EOS R5C Software and Downloads](#)

CAPTURE SETTINGS | **4K COMPRESSED**

Preferred SELECTION setting shown in **YELLOW & BOLD** and alternatives in normal text.

SETTING	MENU	SELECTION
SHOOTING MODE	Recording/Media Setup → Sensor Mode	Full Frame 8192 x 4320 Physical Size: 36mm x 19mm Super 35mm (Cropped) 5952 x 3140 Physical Size: 24.7mm x 13mm
	→ Main Recording Format	XF-AVC
	→ Main Resolution/Bit Rate	4096 x 2160 YCC422 10 bit 3840 x 2160 YCC422 10 bit
GAMMA / LOG ENCODING	CP Custom Picture → Presets	Canon Log 3* : C.Gamut



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HIGH SPEED | 4K COMPRESSED

INTERNAL MEDIA	MAX FPS	MAX RESOLUTION
XF-AVC Full Frame	Up to 120 fps	4096x2160 422 10 bit
XF-AVC S35 (Cropped)	Up to 60 fps	4096x2160 422 10 bit

OPTIMIZING PERFORMANCE | MAINTENANCE PROCEDURES

SETTING	MENU	STANDARD OPERATING PROCEDURE
BLACK BALANCE	Camera Setup → ABB	<p>ABB is an essential process to help ensure proper pixel performance in all CMOS capture devices. For best results, it is advised to allow the camera to reach the ambient temperature of the shooting environment before performing ABB.</p> <p>Perform at the start of the day and after any dramatic change in operational temperature.</p>

NOTES:

* The Canon Log 3 gamma curve extends the dynamic range up to 1600% while retaining the same operational ease of Canon Log. It extends the dynamic range and retains the dark area and 18% gray characteristics.

When capturing in XF-AVC, Canon Log 3 is encoded as full range data (0-1023). On a 10 bit scale, Canon Log 3 has a



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black point of 128.

The BT.709 LUT in camera is the same as the BT.709_Wide DR LUT provided on Canon's Website.
All Canon LUT's (Canon Lookup Tables 201911) are available here : [Download Here.](#)