



Production Technology Support

CAMERA PRODUCTION GUIDE | **VARICAM LT**

Settings and best-practices for capture with the Panasonic Varicam LT on Netflix 4K Originals.

Current Ops Manual: [HERE](#)

CAPTURE SETTINGS | **RAW** (requires external recorder*)

SETTING	MENU	SELECTION
MAIN CODEC	System Settings → System Mode → SDI RAW →	4K / 10-bit UHD / 10-bit 4K / 12-bit UHD / 12-bit
MAIN COLOR	System Settings → Color Setting → Main →	V-Log
FILE NAME	REC Settings → File Name Style →	CINE

***RAW RECORDING** - Requires the use of 3rd party external recorders such as Atomos and Convergent Design.



CAPTURE SETTINGS | **AVC-Intra4K**

SETTING	MENU	SELECTION
MAIN CODEC	System Settings → System Mode → Main CODEC →	AVC-Intra4k 422
MAIN COLOR	System Settings → Color Setting → Main →	V-Log
FILE NAME	REC Settings → File Name Style →	CINE

HIGH SPEED | **AVC-Intra4K**

FORMAT	MAX FPS	MAX RESOLUTION
AVC-Intra4k LT	60	4096 x 2160
AVC-Intra4k 422	30	4096 x 2160

OPTIMIZING PERFORMANCE | **MAINTENANCE PROCEDURES**

SETTING	MENU	STANDARD OPERATING PROCEDURE
AUTO BLACK BALANCE (ABB)	Camera → Black → Auto Black Balance	Perform at start of day once camera has reached operating temperature.

ABB - Normalize black levels and reduce fixed pattern noise. Fairly good at fixing hot pixels.