Production Technology Support

CAMERA PRODUCTION GUIDE | **SONY BURANO**

Settings and best-practices for capture with the SONY BURANO on Netflix 4K Originals. Current Ops Manual: HERE

CAPTURE SETTINGS | **RAW**

Preferred SELECTION setting shown in **YELLOW**

SETTING	MENU NAVIGATION	SELECTION
SHOOTING MODE	Project → Base Setting → Shooting Mode	Cine EI
COLOR SPACE	Project → Cine EI Setting → Color Gamut	S-Gamut3/SLog3 S-Gamut3.Cine/SLog3
IMAGER SCAN MODE	Project → Rec Format → Imager Scan Mode	FF 8.6K 17:9 FF 8.6K 16:9 FFc 6K 17:9 FFc 6K 16:9 S35 5.8K 17:9 S35 5.8K 16:9 S35c 4K 17:9
RAW FORMAT	Project → Rec Format → Codec	X-OCN LT
BASE ISO	Shooting → ISO/Gain/EI → Base ISO	ISO 800 ISO 3200

Production Technology Support

CAPTURE SETTINGS | **XAVC H-I 8K 10Bit 4:2:2**

SETTING	MENU	SELECTION
SHOOTING MODE	Project → Base Setting → Shooting Mode	Cine EI
COLOR SPACE	Project → Cine EI Setting → Color Gamut	S-Gamut3/SLog3 S-Gamut3.Cine/SLog3
XAVC FORMAT	Project → Rec Format → Codec	XAVC H-I HQ
VIDEO FORMAT	Project → Rec Format → Video Format	8192×4320P 7680×4320P
BASE ISO	Shooting → ISO/Gain/EI → Base ISO	ISO 800 ISO 3200

NOTE: Please ensure XAVC H-I is supported across post production pipeline

Production Technology Support

CAPTURE SETTINGS | **XAVC-I 4K 10Bit 4:2:2**

SETTING	MENU	SELECTION
SHOOTING MODE	Project → Base Setting → Shooting Mode	Cine EI
COLOR SPACE	Project → Cine EI Setting → Color Gamut	S-Gamut3/SLog3 S-Gamut3.Cine/SLog3
XAVC FORMAT	Project → Rec Format → Codec	XAVC-I
VIDEO FORMAT	Project → Rec Format → Video Format	4096 x 2160P 3840 x 2160P
BASE ISO	Shooting → ISO/Gain/EI → Base ISO	ISO 800 ISO 3200

HIGH SPEED | **RAW**

MAX FPS	MAX RESOLUTION
120fps	4K 17:9 (S35 Crop)
60fps	5.8K 17:9 (S35)
60fps	5.8K 16:9 (S35)
60fps	6K 17:9 (FF Crop)
60fps	6K 16:9 (FF Crop)

HIGH SPEED | **4K XAVC**

FILE FORMAT	MAX FRAME RATE	MAX RESOLUTION
XAVC-I 4K	120fps	4096x2160P
XAVC-I 4K	60fps	4096x2160P 3840x2160P

NOTE: 4K 120fps recording is available in S&Q recording mode. Please select 120fps in [S&Q] Frame Rate setting. (<Menu>Shooting → S&Q Motion→ Setting.)

OPTIMIZING PERFORMANCE | **MAINTENANCE PROCEDURES**

SETTING	MENU	STANDARD OPERATING PROCEDURE
AUTO PIXEL RESTORATION (APR)	Technical → APR → APR Execute	Perform at start of day once camera has reached operating temperature.

This function can help ensure a clean, consistent image.
APR - Eliminate hot pixels by completely mapping them out.

If offending pixels are still present after **APR**, the camera should be sent to Sony for manual RPN correction.