

NEXTO 4K Package

Transcode 4K to 2K for NSB-25



Nexto has just released 4K Pack which can transcode various formatted 2K and 4K footage to H.264 MOV file. Producers can easily make proxy video with this function and share with his writer or customers to check footage on NSB-25. This is available on 1st-July. Nexto Storage Bridge NSB-25 is ideally suited to 4K footage management and is a truly expandable backup system.

Supported Video cameras and CODEC

Codec	Camera model	Supported format
XAVC	PXW Z100 (XQD) PMW F55/F5	up to XAVC-Intra 4K
	PXW F57 (XQD)	up to XAVC-Intra UHD
AVC-Ultra	Varicam 35	up to AVC-Intra 4K 422
Mjpeg	EOS 1D-C	up to Mjpeg 4K
AVC (H.264)	GoPro HERO 4	up to AVC 4K
ProRes	ARRI ALEXA Mini	up to 4K UHD (ProRes 4444 XQ)
	ARRI AMIRA	up to 4K UHD (ProRes 4444)
	AJA Cion	up to 4K UHD (ProRes 4444)
	BlackMagic URSA	up to 4K UHD (ProRes 4444 XQ)
	BlackMagic URSA mini	up to 4K UHD (ProRes 4444 XQ)
	BlackMagic Production Camera	up to 4K UHD (ProRes 422 HQ)

Specification

Input : YCrCb video of Max 10bit / PCM audio supported
Output : mov file H. (MPEG4 AVC), 4:2:0, up to 1080p

Resolution : 1920x1080
Frame output only. De-interlace is not supported

(1) 4K Video Transcode performance

Codec	Resolution	Sampling	bit	Transcode fps (avg.)
XAVC-Intra 4K	4096x2160	4:2:2	10 bit	3.5 fps
Mjpeg 4K MOV	4096x2160	4:4:4	10 bit	2.3 fps
AVC 4K	3840x2160	4:2:0	8bit	3.8 fps
AVC-Intra 4K 422	4096x2160	4:2:2	10 bit	3.3 fps
ProRes 4444	3840x2160	4:2:2	10 bit	4.9 fps

(2) 2K Video Transcode performance

Codec	Resolution	Sampling	bit	Transcode fps (avg.)
XAVC-2K	2048x1080	4:2:2	10 bit	9.2 fps
XDCAM MPEG2 4:2:2	1920x1080	4:2:2	10 bit	16.5 fps
AVC-Intra 100	1920x1080	4:2:2	10 bit	10.3 fps
AVC-Intra 50	1440x1080	4:2:0	10 bit	11.9 fps
ProRes 4444	2048x1152	4:2:2	10 bit	12.2 fps
ProRes 422 (HQ)	2048x1152	4:2:2	10 bit	14.9 fps
ProRes 422	1920x1080	4:2:2	10 bit	15.9 fps

For information on this update, please contact us, sales_overseas@nextodi.com