

VARICAM LT – RAW recording test result

As of May 19,2017

VARICAM LT AU-V35LT1 Version 22.27-00-0.00					SHOGUN INFERNO Version 8.31			
Menu settings					Menu settings			
SYSTEM SETTINGS > SYSTEM MODE					OUTPUT SETTINGS > SDI OUT	INPUT > SOURCE = SDI INPUT > TRIGGER = Panasonic RECORD FORMAT > CODEC = Cinema DNG / ProRes TIMECODE > SOURCE = SDI		
FREQUENCY	SDI RAW	MAIN PIXEL	MAIN CODEC	RAW OUTPUT	RAW .DNG recording	ProRes recording	Note	
59.94p	4K/10bit	4096x2160	AVC-Intra4K-LT	DUAL	---	*1	*2 *3	
		2048x1080	AVC-Intra2K 422	DUAL	---	---		
	UHD/10bit	3840x2160	AVC-Intra4K-LT	DUAL	---	*1	*2 *3	
		1920x1080	AVC-Intra ***	DUAL	---	---		
			AVC-LongG **	DUAL	---	---		
			ProRes ****	DUAL	---	---		
50.00p	4K/10bit	4096x2160	AVC-Intra4K-LT	DUAL	---	*1	*2 *3	
		2048x1080	AVC-Intra2K 422	DUAL	---	---		
	UHD/10bit	3840x2160	AVC-Intra4K-LT	DUAL	---	*1	*2 *3	
		1920x1080	AVC-Intra ***	DUAL	---	---		
			AVC-LongG **	DUAL	---	---		
			ProRes ****	DUAL	---	---		
29.97p	4K/12bit	2048x1080	AVC-Intra2K 444	DUAL	---	---		
	4K/10bit	4096x2160	AVC-Intra4K 422	DUAL	---	---		
			AVC-Intra4K-LT	DUAL	---	---		
		2048x1080	AVC-Intra2K 422	DUAL	---	---		
	UHD/12bit	1920x1080	AVC-Intra 444	DUAL	---	---		
	UHD/10bit	3840x2160	AVC-Intra4K 422	DUAL	---	---		
			AVC-Intra4K-LT	DUAL	---	---		
			SINGLE	OK	*1	*2 *3		
		1920x1080	AVC-Intra ***	DUAL	---	---		
			AVC-LongG **	DUAL	---	---		
ProRes ****	DUAL	---	---					

--- : Not supported.

*1) Recorded ProRes 422 video level is different from P2 AVC-Intra4K422 on the same frame.

Please apply **Panasonic RAW to V-Log Correction LUT** files released from ATOMOS.

*2) Recording starts about 1 second later than P2 AVC-Intra4K422, Intra4K-LT.

*3) VFR recording timecode is different from P2 AVC-Intra4K422, Intra4K-LT on the same video frame.

Please consult ATOMOS about the details of SHOGUN INFERNO and SHOGUN FLAME product information.

Menu settings

Menu settings

SYSTEM SETTINGS
> SYSTEM MODE

OUTPUT
SETTINGS
> SDI OUT

INPUT > SOURCE = SDI
INPUT > TRIGGER = Panasonic
RECORD FORMAT > CODEC = Cinema DNG / ProRes
TIMECODE > SOURCE = SDI

FREQUENCY	SDI RAW	MAIN PIXEL	MAIN CODEC	RAW OUTPUT	RAW .DNG recording	ProRes recording	Note			
25.00p	4K/12bit	2048x1080	AVC-Intra2K 444	DUAL	---	---				
				4K/10bit	4096x2160	AVC-Inta4K 422	DUAL	---	---	
							SINGLE	OK	*1	*2 *3
	4K/10bit	2048x1080	AVC-Intra4K-LT	DUAL	---	---				
				2048x1080	AVC-Intra2K 422	DUAL	---	---		
	UHD/12bit	1920x1080	AVC-Intra 444			DUAL	---	---		
				UHD/10bit	3840x2160	AVC-Intra4K 422	DUAL	---	---	
	SINGLE	OK	*1				*2 *3			
	AVC-Intra4K-LT	DUAL	---				---			
		1920x1080	AVC-Intra ***				DUAL	---	---	
	AVC-LongG **						DUAL	---	---	
		ProRes ****	DUAL				---	---		
24.00p	4K/12bit	2048x1080	AVC-Intra2K 444	DUAL	---	---				
				4K/10bit	4096x2160	AVC-Intra4K 422	DUAL	---	---	
	SINGLE	OK	*1				*2 *3			
	4K/10bit	2048x1080	AVC-Intra4K-LT	DUAL	---	---				
2048x1080				AVC-Intra2K 422	DUAL	---	---			
	23.98p	4K/12bit	2048x1080		AVC-Intra2K 444	DUAL	---	---		
4K/10bit				4096x2160		AVC-Intra4K 422	DUAL	---	---	
		SINGLE	OK		*1		*2 *3			
		AVC-Intra4K-LT	DUAL		---		---			
2048x1080			AVC-Intra2K 422	DUAL	---	---				
		UHD/12bit		1920x1080	AVC-Intra 444	DUAL	---	---		
UHD/10bit			3840x2160			AVC-Intra4K 422	DUAL	---	---	
		SINGLE		OK	*1		*2 *3			
	AVC-Intra4K-LT	DUAL		---	---					
		1920x1080		AVC-Intra ***	DUAL		---	---		
	AVC-LongG **				DUAL		---	---		
		ProRes ****		DUAL	---		---			

--- : Not supported.

*1) Recorded ProRes 422 video level is different from P2 AVC-Intra4K422 on the same frame.
Please apply **Panasonic RAW to V-Log Correction LUT** files released from ATOMOS.

*2) Recording starts about 1 second later than P2 AVC-Intra4K422, Intra4K-LT.

*3) VFR recording timecode is different from P2 AVC-Intra4K422, Intra4K-LT on the same video frame.