



LEICA SL3

VIDEO SPECIFICATION

Firmware 4.0.0

File Container	Resolution (Menu Wording)	frame rate	bit rate	YUV/bit	Comp.	codec	Audio		35mm			APS-C			SD	CFe	SSD	Proxy	SCL4 Battery							
							codec	sampling	available	crop *1	Sensor readout time [ms]	available	crop *1	Sensor readout time [ms]												
MP4	8K 7680x4320 (16:9)	29.97p	300Mbps	4:2:0 10bit		HEVC		48kHz/16bit	●	1,24	31,5	n/a			●	●	n/a	n/a								
		25.00p							●		34,6				●	●										
		23.98p							●		31,5				●	●										
	4K 3840x2160 (16:9)	59.94p	100Mbps								AAC	15,6	●	2,55	15,3	●				●						
		50.00p										●	16,8		●	●										
		29.97p		●	1,52	26,7				●		●														
		25.00p		●		28,2				●		●														
	23.98p	●	26,7	●		●																				
	FHD 1920x1080 (16:9)	59.94p	28Mbps			H264			13,5	●	1,52	8,9	●	●												
		50.00p							●	9,4		●	●													
		29.97p			20Mbps				13,5	●		8,9	●	●												
		25.00p							●	9,4		●	●													
	23.98p	24Mbps	●	13,5	●	8,9			●	●	●	●														
	MOV	C8K 8192x4320 (17:9)	29.97p	300Mbps	4:2:0 10bit				HEVC		48kHz/24bit	●	1,16	31,5	n/a				●	●	n/a	n/a				
25.00p			●				34,6	●				●														
24.00p			●				36,0	●				●														
23.98p			●				31,5	●				●														
8K 7680x4320 (16:9)		29.97p					LongGOP						LPCM						1,24	31,5				●	●	
		25.00p																		●				34,6	●	●
		24.00p																		●				36,0	●	●
		23.98p																		●				31,5	●	●
5.8K 5824x4368 (4:3)		29.97p	200Mbps												●	1,63	31,9	●	●							
		25.00p													●		34,9	●	●							
		24.00p													●		36,4	●	●							
		23.98p													●		31,9	●	●							
C4K 4096 x 2160 (17:9)		59.94p	600Mbps	ALL-I			H264	●	1,16			15,6	●	2,55	14,4	●	●	●								
		59.94p	200Mbps	LongGOP			HEVC	●					●		14,4	●	●									
		50.00p	600Mbps	ALL-I			H264	●				15,0	●		15,8	●	●	●								
		50.00p	200Mbps	LongGOP			HEVC	●					●		15,8	●	●	●								
		48.00p	600Mbps	ALL-I			H264	●					●		16,5	●	●	n/a								
		48.00p	200Mbps	LongGOP			HEVC	●					●		16,5	●	●									



LEICA SL3

MOV	C4K 4096 x 2160 (17:9)	4795p	600Mbps	4:2:2 10bit	ALL-I	H264	LPCM	48kHz/24bit	●	1,16	15,8	●	2,55	14,4	●	●	n/a	n/a				
		4795p	200Mbps		LongGOP	HEVC			●		15,8	●			●	●						
		29.97p	400Mbps		ALL-I	H264			●		31,5	●			1,52	25,1			●	●	●	●
		29.97p	150Mbps		LongGOP	HEVC			●		31,5	●							●	●	●	●
		25.00p	400Mbps		ALL-I	H264			●		34,6	●	●	●					●	●		
		25.00p	150Mbps		LongGOP	HEVC			●		34,6	●	●	●					●	●		
		24.00p	400Mbps		ALL-I	H264			●		36,0	●	●	●					●	●		
		24.00p	150Mbps		LongGOP	HEVC			●		36,0	●	●	●					●	●		
		23.98p	400Mbps		ALL-I	H264			●		31,5	●	25,1	●	●	●			●			
		23.98p	150Mbps		LongGOP	HEVC			●		31,5	●		●	●	●			●			
	4K 3840x2160 (16:9)	59.94p	600Mbps	4:2:2 10bit	ALL-I	H264			●	1,24	15,6	●	2,55	15,3	●	●			●	●		
		59.94p	200Mbps		LongGOP	HEVC			●		15,6	●			●	●			●	●		
		50.00p	600Mbps		ALL-I	H264			●		15,0	●			16,8	●			●	●	●	
		50.00p	200Mbps		LongGOP	HEVC			●		15,0	●				●			●	●	●	
		48.00p	600Mbps		ALL-I	H264			●		15,0	●		17,5		●	●	n/a	n/a			
		48.00p	200Mbps		LongGOP	HEVC			●		15,0	●				●	●			●	●	
		4795p	600Mbps		ALL-I	H264			●		15,8	●		15,3	●	●	●			●		
		4795p	200Mbps		LongGOP	HEVC			●		15,8	●			●	●	●			●		
		29.97p	400Mbps		ALL-I	H264			●		31,5	●		1,52	26,7	●	●			●	●	
		29.97p	150Mbps		LongGOP	HEVC			●		31,5	●				●	●			●	●	
		25.00p	400Mbps		ALL-I	H264			●		34,6	●				28,2	●			●	●	●
		25.00p	150Mbps		LongGOP	HEVC			●		34,6	●					●			●	●	●
		24.00p	400Mbps		ALL-I	H264			●		36,0	●	29,3		●		●			●	●	
		24.00p	150Mbps		LongGOP	HEVC			●		36,0	●			●		●			●	●	
		23.98p	400Mbps		ALL-I	H264			●		31,5	●	26,7		●	●	●			●		
		23.98p	150Mbps		LongGOP	HEVC			●		31,5	●			●	●	●			●	●	
		FHD 1920x1080 (16:9)	119.88p		400Mbps	4:2:2 10bit			ALL-I		H264	●	1,19	6,8	n/a	-	-	●		●	n/a	n/a
			119.88p		150Mbps				LongGOP		HEVC	●		6,8	n/a			●		●		
	100.00p		400Mbps	ALL-I	H264				●	7,2	n/a	●		●								
	100.00p		150Mbps	LongGOP	HEVC				●	7,2	n/a	●		●								
	59.94p		200Mbps	ALL-I	H264				●	1,00	13,5	●	1,52	8,9	●	●	●	●				
	59.94p		100Mbps	LongGOP	HEVC				●		13,5	●			●	●	●	●				
	50.00p		200Mbps	ALL-I	H264				●		14,3	●		9,4	●	●	●	●				
	50.00p		100Mbps	LongGOP	HEVC				●		14,3	●			●	●	●	●	●			



LEICA SL3

MOV	FHD 1920x1080 (16:9)	48.00p	200Mbps	4:2:2 10bit	ALL-I	H264	LPCM	48kHz/24bit	●	1,00	14,9	●	1,52	9,8	●	●	n/a	●
		48.00p	100Mbps		LongGOP	HEVC			●		●	●		●				
		47.95p	200Mbps		ALL-I	H264			●		●	●		●				
		47.95p	100Mbps		LongGOP	HEVC			●		●	●		●				
		29.97p	200Mbps		ALL-I	H264			●		●	●		●				
		29.97p	100Mbps		LongGOP	HEVC			●		●	●		●				
		25.00p	200Mbps		ALL-I	H264			●		●	●		●				
		25.00p	100Mbps		LongGOP	HEVC			●		●	●		●				
		24.00p	200Mbps		ALL-I	H264			●		●	●		●				
		24.00p	100Mbps		LongGOP	HEVC			●		●	●		●				
		23.98p	200Mbps		ALL-I	H264			●		●	●		●				
		23.98p	100Mbps		LongGOP	HEVC			●		●	●		●				
		FHD Slow Motion 1920x1080 (16:9)	Sensor : 119.88p Recording : 29.97p		100Mbps	4:2:0/10bit			LongGOP		HEVC	no audio			●	1,19		6,8
	Sensor : 100.00p Recording : 25.00p		●	1,19			7,2	●		●								
	MOV (proxy)	2K 2048x1080 (17:9)	59.94p	11.5Mbps	4:2:0 10bit	LongGOP	HEVC	LPCM	48kHz/16bit	●	Same as original video mode	●	Same as original video mode	●	n/a		●	
			50.00p	11.5Mbps						●		●		●				
			29.97p	8.5Mbps						●		●		●				
			25.00p	8.5Mbps						●		●		●				
			24.00p	8.5Mbps						●		●		●				
23.98p			8.5Mbps	●						●		●						
59.94p			10.5Mbps	●						●		●						
FHD 1920x1080 (16:9)		50.00p	10.5Mbps	●						●		●						
		29.97p	7.5Mbps	●						●		●						
		25.00p	7.5Mbps	●						●		●						
		24.00p	7.5Mbps	●						●		●						
		23.98p	7.5Mbps	●						●		●						
				●						●		●						
				●						●		●						
				●						●		●						



LEICA SL3

MOV (ProRes)	C6K 5776x3056 (17:9)	29.97p	1939Mbps	422HQ	ProRes	LPCM	48kHz/24bit	●	1,16	31,5	n/a			n/a	●	n/a		
		25.00p	1618Mbps					●		34,6					●			
		24.00p	1553Mbps					●		36,0					●			
		23.98p	1551Mbps					●		31,5					●			
	C4K 4096x2160 (17:9)	59.94p	1944Mbps					●	1,24	15,6	●	2,55	14,4	n/a	●	n/a	●	n/a
		50.00p	1622Mbps					●		15,0	●		15,8		●			
		29.97p	972Mbps					●	1,16	31,5	●	1,52	25,1		●		●	
		25.00p	811Mbps					●		34,6	●		26,5		●			
		24.00p	779Mbps					●		36,0	●		27,6		●			
		23.98p	778Mbps					●		31,5	●		25,1		●			
	FHD 1920x1080 (16:9)	59.94p	454Mbps					●	1,00	13,5	●		8,9	●	●		●	
		50.00p	378Mbps					●		14,3	●		9,4	●	●		●	
		29.97p	227Mbps					●		13,5	●		8,9	●	●		●	
		25.00p	189Mbps					●		14,3	●		9,4	●	●		●	
		24.00p	182Mbps					●		14,9	●		9,8	●	●		●	
		23.98p	181Mbps					●		13,5	●		8,9	●	●		●	