

## MAVO mark2 LF Tech Spec

<b>Camera Type</b>	Large Format Digital Cinema Camera			
<b>Imaging Sensor</b>	Full Frame 6K 3:2 CMOS Imaging Sensor			
<b>Max Record Res</b>	6016x3984 (3:2 Open Gate), 24M			
<b>Frame Rate</b>	6K Wide 0.2~75fps			
<b>Active Area</b>	36x24mm, ø 43.3mm			
<b>Dual Base ISO</b>	Regular Base ISO : 800 High Base ISO : 5120			
<b>Latitude</b>	>14 Stops			
<b>Shutter Angle</b>	0.7°~358° with rolling shutter			
<b>Lens Mount</b>	Active PL Mount, Active E Mount, Native KineMOUNT (Adapters: PL/LPL/EF)			
<b>Optical Filter</b>	Optical LPF with UV and IR-cut filter			
<b>Resolution, Frame Rate and Optical Format</b>				
	<b>Resolution</b>	<b>Frame Rate</b>	<b>Codec</b>	<b>Optical Format</b>
<b>Full Frame</b>	FF 6K OG	6016x3984, 0.2~48fps	up to ProRes 4444XQ	36x24mm, ø 43.3mm
	FF 6K 17:9	6016x3172, 0.2~60fps	up to ProRes 4444XQ	36x19.1mm, ø 41.0mm
	FF 6K 2.4:1	6016x2520, 0.2~75fps	up to ProRes 4444XQ	36x15.2mm, ø 39.1mm
	FF 5.7K 3:2	5760x3700, 0.2~50fps	up to ProRes 4444XQ	34.5x22.2mm, ø 41.0mm
	FF 6K UHD	5760x3240, 0.2~58fps	up to ProRes 4444XQ	34.5x19.5mm, ø 39.6mm
	FF 5.7K 2.4:1	5760x2400, 0.2~75fps	up to ProRes 4444XQ	34.5x14.4mm, ø 37.4mm
	FF 5K 4:3	5120x3700, 0.2~50fps	up to ProRes 4444XQ	30.6x22.3mm, ø 37.9mm
	FF 5K DCI	5120x2700, 0.2~70fps	up to ProRes 4444XQ	30.6x16.2mm, ø 34.6mm
	FF 5K 2.4:1	5120x2160, 0.2~86fps	up to ProRes 4444XQ	30.6x12.9mm, ø 33.2mm
	FF 4.6K 6:5	4608x3700, 0.2~50fps	up to ProRes 4444XQ	27.6x22.3mm, ø 35.5mm
	FF 3.8K 3:2 (Oversample)	3840x2460, 0.2~50fps	up to ProRes 4444XQ	34.5x22.2mm, ø 41.0mm
	FF 4K UHD (Oversample)	3840x2160, 0.2~58fps	up to ProRes 4444XQ	34.5x19.5mm, ø 39.6mm
	FF 3.8K 2.4:1 (Oversample)	3840x1600, 0.2~75fps	up to ProRes 4444XQ	34.5x14.4mm, ø 37.4mm
	FF 3.4K 4:3 (Oversample)	3456x2460, 0.2~50fps	up to ProRes 4444XQ	31.0x22.1mm, ø 38.1mm
FF 3K 6:5 (Oversample)	3072x2460, 0.2~50fps	up to ProRes 4444XQ	27.6x22.3mm, ø 35.3mm	
<b>S35</b>	S35 4K 3:2	4096x2700, 0.2~70fps	up to ProRes 4444XQ	24.5x16.1mm, ø 29.3mm
	S35 4K DCI	4096x2160, 0.2~112fps	up to ProRes 4444XQ	24.5x12.9mm, ø 27.7mm
	S35 4K 2.4:1	4096x1720, 0.2~140fps	up to ProRes 4444XQ	24.5x10.3mm, ø 26.6mm
	S35 4K UHD	3840x2160, 0.2~112fps	up to ProRes 4444XQ	23.0x12.9mm, ø 26.4mm
	S35 3.8K 2.4:1	3840x1600, 0.2~150fps	up to ProRes 4444XQ	23.0x9.6mm, ø 24.9mm
	S35 3.6K 4:3	3712x2700, 0.2~70fps	up to ProRes 4444XQ	22.2x16.1mm, ø 27.4mm
	S35 3.2K 6:5	3328x2700, 0.2~70fps	up to ProRes 4444XQ	19.9x16.1mm, ø 25.6mm
	S35 2.7K 1:1	2688x2688, 0.2~70fps	up to ProRes 4444XQ	16.1x16.1mm, ø 22.8mm
	S35 2K DCI (Oversample)	2048x1080, 0.2~112fps	up to ProRes 4444XQ	24.5x12.9mm, ø 27.7mm
	S35 2K 2.4:1 (Oversample)	2048x860, 0.2~140fps	up to ProRes 4444XQ	24.5x10.3mm, ø 26.6mm
	S35 2K FHD (Oversample)	1920x1080, 0.2~112fps	up to ProRes 4444XQ	23.0x12.9mm, ø 26.4mm
S35 1.9K 2.4:1 (Oversample)	1920x800, 0.2~140fps	up to ProRes 4444XQ	23.0x9.6mm, ø 24.9mm	
<b>Other Cropping</b>	3K DCI	3072x1620, 0.2~144fps	up to ProRes 4444XQ	
	3K 2.4:1	3072x1200, 0.2~195fps	up to ProRes 4444XQ	
	3K HD	2944x1620, 0.2~145fps	up to ProRes 4444XQ	
	3K HD 2.4:1	2944x1200, 0.2~195fps	up to ProRes 4444XQ	
	2K DCI	2048x1080, 0.2~200fps	up to ProRes 4444XQ	
	2K 2.4:1	2048x860, 0.2~270fps	up to ProRes 4444XQ	
	2K FHD	1920x1080, 0.2~220fps	up to ProRes 4444XQ	
1.9K 2.4:1	1920x800, 0.2~290fps	up to ProRes 4444XQ		
<b>Codecs、LUT and Record Media</b>				
	<b>Codec Type</b>	<b>Codec Format</b>	<b>Bit Depth</b>	<b>Notes</b>
<b>Record Codec</b>	ProRes4444XQ	Quicktime mov	12bits	KineLOG3
	ProRes4444	Quicktime mov	12bits	KineLOG3
	ProRes422HQ	Quicktime mov	10bits	KineLOG3、包含ProRes422/LT
<b>Proxy Format</b>	H264	mp4	8bits	帧率小于或等于30帧
<b>LUT</b>	KineLOG3、Neutral(Rec 709)、Support Custom 3D LUT			



Record Media	Media Slot x1, for KineMAG Nano SSD 1TB/2TB based on NVMe M.2 SSD	3rd party NVMe M.2 2280 cards are also supported via the KineMAG Nano card body
Media Size (WxHxL)	1.6x3.5x0.35"/40x88x9mm	
<b>Monitoring</b>		
Monitoring	KINEFINITY Proprietary Video Port x2	For KINEFINITY Viewfinder, KineMON-5U2/7U2 Ultra Bright Monitor with Touch Screen
	3G/1.5G SDI x2 with Meta data (regular BNC)	
<b>Audio</b>		
Audio sampling spec	Linear PCM, 24bits, 48KHz	
Audio input	In-cam mono MIC 3.5mm Stereo MIC 48V Phantom Power Balanced Input x2 (regular XLR)	
Audio output	3.5mm Stereo Audio Output	
<b>Wireless &amp; Network</b>		
Wireless	WIFI 5 for live stream, camera control	
	3-axis accelerometer	
<b>SYNC and Control</b>		
Timecode	Linear TC In&Out (0B5P)	
Control	Lens with RS232, Power output (0B5P)	
Multi-sync, Control	SYNC with RS422 and KINEFINITY camera sync(0B9P)	
RS	Rec trigger input with Power output (fisher 3P)	
Extention	Data&Control, EXT 1 and EXT 2 (for pogo-pin, 2x4)	
USB	Type-C USB x1, can be used for firmware updates and importing custom LUTs	
<b>Power in and out</b>		
Power consumption	27W, when 6K HD 25p, liveview	
Power Input	Integrated Hybrid battery plate, V-mount battery or BP-U compatible DC Input (1B2P), 11-19V UPS EXT 3 (for pogo-pin, 2x5)	
Power outputs	RS x1, 4A Lens x1, 6A	
<b>Construction and Size</b>		
Body Material	Ultra-high Strength Aluminium Alloy	
Body Weight	3.02lb/1.37kg	
Size(WxHxL)	4.1x4.8x4.3"/106x124x109 mm (*w/o protrusion)	
Operating Temp	0°C ~ 40°C	
Note: ALL SPECIFICATIONS SHOWN ARE PRELIMINARY AND SUBJECT TO CHANGE WITHOUT NOTICE.		