

## MAVO mark2 S35 Tech Spec

<b>Camera Type</b>	Super 35 Digital Cinema Camera			
<b>Imaging Sensor</b>	Super 35 6K 3:2 CMOS Imaging Sensor			
<b>Max Record Res</b>	6144x4016 (3:2 Open Gate), 25M			
<b>Frame Rate</b>	6K Wide 0.2~60fps			
<b>Active Area</b>	24x16mm, $\phi$ 28.8mm			
<b>Dual Base ISO</b>	Regular Base ISO : 800			
	High Base ISO : 3200			
<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>S35</b>	S35 6K OG	6144x4016, 0.2~60fps	可达ProRes 4444XQ	感光尺寸 : 24x16mm, $\phi$ 28.8mm
	S35 6K DCI	6144x3240, 0.2~75fps	可达ProRes 4444XQ	感光尺寸 : 24x12.9mm, $\phi$ 27.3mm
	S35 6K 2.4:1	6144x2516, 0.2~96fps	可达ProRes 4444XQ	感光尺寸 : 24x10.0mm, $\phi$ 26.0mm
	S35 6K UHD	5760x3240, 0.2~75fps	可达ProRes 4444XQ	感光尺寸 : 22.5x12.9mm, $\phi$ 25.9mm
	S35 5K 17:9	5120x2700, 0.2~90fps	可达ProRes 4444XQ	感光尺寸 : 20x10.8mm, $\phi$ 22.7mm
	S35 5K 2.4:1	5120x2160, 0.2~112fps	可达ProRes 4444XQ	感光尺寸 : 20x8.6mm, $\phi$ 21.8mm
	S35 5.7K 3:2	5760x3840, 0.2~60fps	可达ProRes 4444XQ	感光尺寸 : 22.5x15.3mm, $\phi$ 27.2mm
	S35 5K 4:3	5120x3840, 0.2~60fps	可达ProRes 4444XQ	感光尺寸 : 20x15.3mm, $\phi$ 25.2mm
	S35 4.8K 6:5	4864x3840, 0.2~60fps	可达ProRes 4444XQ	感光尺寸 : 19x15.3mm, $\phi$ 24.4mm
	S35 3.8K 3:2 (Oversample)	3840x2460, 0.2~60fps	可达ProRes 4444XQ	感光尺寸 : 22.5x15.3mm, $\phi$ 27.2mm
	S35 4K UHD (Oversample)	3840x2160, 0.2~75fps	可达ProRes 4444XQ	感光尺寸 : 22.5x12.9mm, $\phi$ 25.9mm
	S35 3.8K 2.4:1 (Oversample)	3840x1600, 0.2~96fps	可达ProRes 4444XQ	感光尺寸 : 24x10.0mm, $\phi$ 26.0mm
	S35 3.4K 4:3 (Oversample)	3456x2460, 0.2~60fps	可达ProRes 4444XQ	感光尺寸 : 24x15.3mm, $\phi$ 25.2mm
S35 3K 6:5 (Oversample)	3072x2460, 0.2~60fps	可达ProRes 4444XQ	感光尺寸 : 19x15.3mm, $\phi$ 24.4mm	
<b>M43</b>	M43 4K 17:9	4096x2160, 0.2~112fps	可达ProRes 4444XQ	感光尺寸 : 16x8.6mm, $\phi$ 18.2mm
	M43 4K 2.4:1	4096x1720, 0.2~140fps	可达ProRes 4444XQ	感光尺寸 : 16x6.8mm, $\phi$ 17.4mm
	M43 4K UHD	3840x2160, 0.2~112fps	可达ProRes 4444XQ	感光尺寸 : 15x8.6mm, $\phi$ 17.3mm
	M43 3.8K 2.4:1	3840x1600, 0.2~150fps	可达ProRes 4444XQ	感光尺寸 : 15x6.4mm, $\phi$ 16.3mm
	M43 4K 4:3	4096x3072, 0.2~75fps	可达ProRes 4444XQ	感光尺寸 : 16x12.2mm, $\phi$ 20.1mm
	M43 2K 17:9 (Oversample)	2048x1080, 0.2~112fps	可达ProRes 4444XQ	感光尺寸 : 16x8.6mm, $\phi$ 18.2mm
	M43 2K 2.4:1 (Oversample)	2048x860, 0.2~140fps	可达ProRes 4444XQ	感光尺寸 : 16x6.8mm, $\phi$ 17.4mm
	M43 2K FHD (Oversample)	1920x1080, 0.2~112fps	可达ProRes 4444XQ	感光尺寸 : 15x8.6mm, $\phi$ 17.3mm
M43 1.9K 2.4:1 (Oversample)	1920x800, 0.2~150fps	可达ProRes 4444XQ	感光尺寸 : 15x6.4mm, $\phi$ 16.3mm	
<b>S16</b>	S16 2K 17:9	2048x1080, 0.2~220fps	可达ProRes 4444XQ	感光尺寸 : 8x4.3mm, $\phi$ 9.1mm
	S16 2K 2.4:1	2048x860, 0.2~270fps	可达ProRes 4444XQ	感光尺寸 : 8x3.4mm, $\phi$ 8.7mm
	S16 2K FHD	1920x1080, 0.2~220fps	可达ProRes 4444XQ	感光尺寸 : 7.5x4.3mm, $\phi$ 8.6mm
	S16 1.9K 2.4:1	1920x800, 0.2~270fps	可达ProRes 4444XQ	感光尺寸 : 7.5x3.2mm, $\phi$ 8.2mm
<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时
<b>LUT</b>	KineLOG3、Neutral(Rec 709)、Support Custom 3D LUT			
<b>Record Media</b>	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
<b>Media Size (WxHxL)</b>	1.6x3.5x0.35"/40x88x9mm			
<b>Monitoring</b>				
<b>Monitoring</b>	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)			

**Audio**

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

**Wireless & Network**

Wireless	WIFI 5 for live stream, camera control
	3-axis accelerometer

**SYNC and Control**

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

**Power in and out**

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

**Construction and Size**

Body Material	Ultra-high Strength Aluminium Alloy
Body Weight	3.06lb/1.39kg
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.