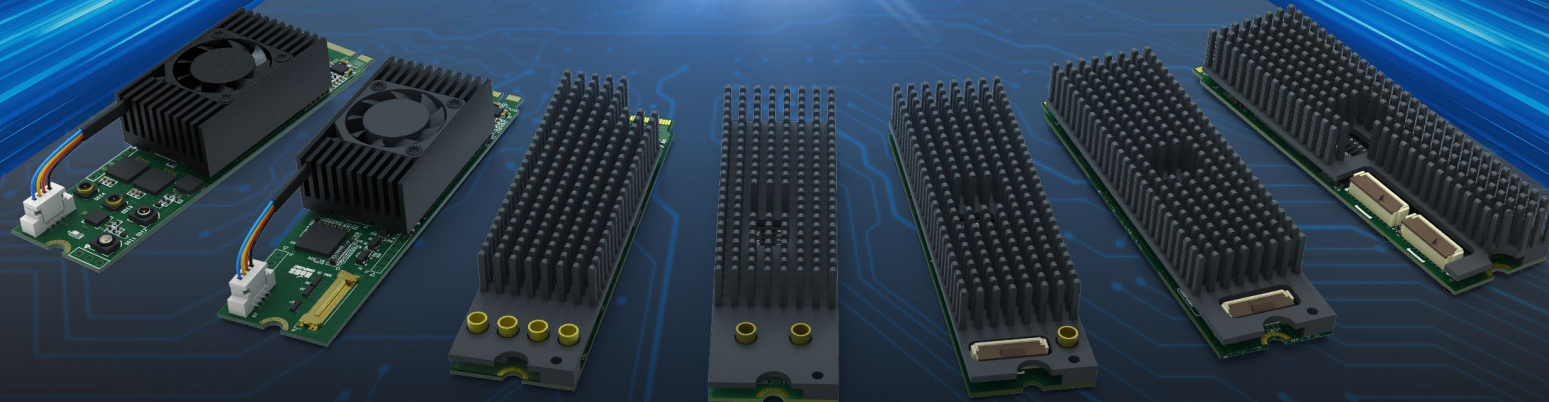


Eco Capture Family

M.2



Ideal for use in small or portable systems where full-sized PCIe slots are not available, Magewell's Eco Capture M.2 cards measure just 22x80mm (0.87x3.15in) and are available in a variety of specifications with HDMI or SDI inputs. They offer systems integrators and OEM developers high-performance video capture solutions with low power consumption in a very compact form factor.

Eco Capture Family Comparison Chart

Models	AIO M.2	Dual HDMI M.2	HDMI 4K M.2	HDMI 4K Plus M.2	Dual SDI M.2	Quad SDI M.2	12G SDI 4K Plus M.2
SKU	116000000	115140000	115240000	115900000	115300000	115400000	115610000
Form Factor	M.2 2280 Type M						
Power Consumption	30% - 70% lower than Magewell Pro Capture models with similar inputs						
Input Features							
Input Interface	HDMI 1.4a x1 SD/HD/3G SDI x1	HDMI 1.4a x2	HDMI 1.4 x1	HDMI 2.0 x1	SD/HD/3G/2K SDI x2	SD/HD/3G/2K SDI x4	SD/HD/3G-SDI x2 SD/HD/3G/6G/12G-SDI x2
Max Input	2048x1080 60fps 4:4:4	2048x2160 30fps 4:4:4	4096x2160 30fps 4:4:4	4096x2160 60fps 4:4:4	2048x1080 60fps 4:4:4	2048x1080 60fps 4:4:4	4096x2160 60fps 4:2:2
Embedded Audio	8-channel 192kHz (HDMI) 8-channel 48KHz (SDI)	8-channel 192kHz	8-channel 192kHz	8-channel 192kHz	8-channel 48KHz	8-channel 48KHz	8-channel 48KHz
HDR 10 Support	×	×	×	√	×	×	×
Closed Caption Support	√ (for SDI input)	×	×	×	√	√	√
Process and Capture Features							
Host Interface	M.2 (PCIe Gen2 x2)	M.2 (PCIe Gen2 x4)	M.2 (PCIe Gen2 x4)	M.2 (PCIe Gen3 x4)	M.2 (PCIe Gen2 x2)	M.2 (PCIe Gen2 x4)	M.2 (PCIe Gen3 x4)
Capture Channels	1-channel HDMI/SDI	2-channel HDMI	1-channel HDMI	1-channel HDMI	2-channel SDI	4-channel SDI	1-channel SDI
Resolution Up To	2048x1080	2048x2160	4096x2160	4096x2160	2048x1080	2048x1080	4096x2160
Frame Rates Up To	240fps	240fps	240fps	240fps	240fps	240fps	240fps
Color Processing	8-bit 4:4:4	8-bit 4:4:4	8-bit 4:4:4	8-bit 4:4:4	8-bit 4:4:4 (Supports 10-bit 4:4:4 via the SDK's proprietary API)	8-bit 4:4:4 (Supports 10-bit 4:4:4 via the SDK's proprietary API)	8-bit 4:4:4
Advanced Features	Supports custom EDID (for HDMI input)				×		
	Supports extraction of Sony/Canon DSLR time code (for HDMI input)				×		
	Supports Side-by-Side Half, Top-and-Bottom, Frame Packing 3D mode (for HDMI input)				×		
	Supports video scaling, de-interlacing, color format conversion and frame rate conversion						
	Supports multiple replicated capture streams and unlimited capture streams for any one input channel with the same format						
	Supports SG-DMA transmission mode						
Recommended OS							
Windows 10/11/Server 2016/Server 2019/Server 2022/Server 2025 (x86 & x64) and above Linux x86, x64 & ARM architecture, with 2.6.35 and above							
SDK & APIs							
MWCapture SDK for signal status extraction, capture configuration and real-time audio & video capture, etc. Windows DirectShow/DirectKS/Wave API/DirectSound/WASAPI Linux V4L2/ALSA							

Notes:

- Multiple connector and heatsink options are available for certain models. Please inquire at sales@magewell.com
- Certain features are enabled via MWCapture SDK. For technical support, please contact support@magewell.net