

# ME225-A

## HDMI video capture card

### Introduction:

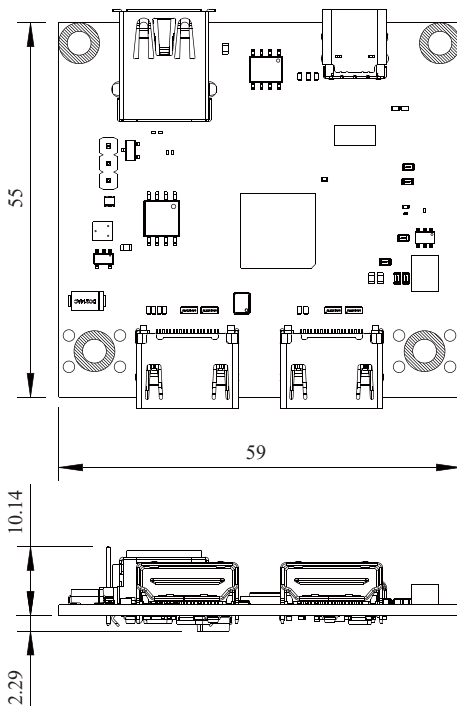
The ME225-A is built to seamlessly work with both Windows and Mac OS-based IPC systems, offering 4K@30 RAW or 4K@60fps MJPEG video recording from any HDMI device. Whether you're connecting an HDMI camera, AVoIP equipment, PS5, or Xbox, this capture card delivers professional-quality video performance.

With UVC-based driver architecture, the ME225-A is fully compatible with popular third-party software like OBS and Potplayer, simplifying video broadcasting and recording. For more advanced users, OBS plugins allow for custom live video setups, offering greater flexibility and a more dynamic broadcasting experience.

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### Mechanical Drawing:



### Features:

- 4K@60 HDR input and pass-through for superior video quality.
- 4K@60 MJPEG and 4K@30 RAW capture, offering versatile recording options.
- HDMI 2.0 variable refresh rate (VRR) support for smoother and more fluid video.
- Built-in hardware deinterlacing and scaling to enhance video clarity and performance.
- UVC-based driver, ensuring easy plug-and-play compatibility across most systems.
- Compatible with OBS software, granting quick access to streaming and recording tools.
- HDCP compliant, ensuring support for protected content and secure transmission.

### Specification:

Interface	USB 3.0	
HDMI Input	HDMI 2.0 (up to 4k@60 HDR)	
Video pass-through	HDMI 2.0 (up to 4k@60 HDR) 2160p60/1440p144/1080p240	
Input & pass-through Resolution	3840 x 2160p 60/50/30/25/24Hz 2560 x 1440p 50/30/25/24Hz 1920 x 1080p 120/60/50/30/25/24Hz 1920 x 1080i 60/50Hz (can be transformed to 1080p/720p/576p/480p at UVC output) 1280 x 720p 60/50Hz	
Capture Resolution	USB 3.1 Gen1	
	NV12	YUY2
	3840x2160p 30/25 fps	2560x1440p 60/50/30/25 fps
	2560x1440p 60/50/30/25 fps	1920x1080p 60/50/30/25 fps
	1920x1080p 120/60/50/30/25 fps	1280x720p 60/50/30/25 fps
	1280x720p 120/60/50/30/25 fps	
	MJPEG	P010(HDR)
	3840x2160p 60/50/30/25 fps	1920x1080p 60/50/30/25 fps
	2560x1440p 120/60/50/30/25 fps	1280x720p 60/50/30/25 fps
	1920x1080p 120/60/50/30/25 fps	
	1280x720p 120/60/50/30/25 fps	
	USB 2.0	
NV12	MJPEG	
1280x720p 30/25 fps	1920x1080p 60/50/30/25 fps	
720x576p 50/25 fps	1280x720p 60/50/30/25 fps	
720x480p 60/30 fps	720x576p 50/25 fps	
640x480p 60/30 fps	720x480p 60/30 fps	
	640x480p 60/30 fps	
HDMI Color format	RGB/YUV444/YUV422/YUV420	
UVC Output	Format	NV12, YUY2, MJPEG, P010
	Compression	Raw data or compressed (MJPEG)
	HDR	Support 2160p 10 bit HDR recording Support 2160p 10 bit HDR→ 1080p 8 bit SDR
Audio Sampling	Input	Support 32KHz/44.1KHz/ 48KHz (output 48KHz to UAC)
Operation Temp.	0°C ~ +70°C	
Dimension	59 x 55 mm	

Specification are subject to change without prior notice. ODM / OEM is available.