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999.00 EUR incl. 19% VAT, plus shipping

- 1080p30 !
- HDMI 1.4a !
- Mini PCI Express !

Support: <u>Datasheet</u>

1080P 60 FPS HDMI Video Capture CM311-H is a Mini-PCIe HDMI frame grabber capable of capturing videos up to 1080p@60. With AVerMedia Video Engine technology inside, it can perform various video processing tasks such as frame rate conversion, de-interlacing, scaling and so on without consuming the computing power of the target platform.

It is endowed with full functions that are required to capture Full HD video for industrial and commercial markets such as data recorders, medical imaging devices, machine vision or any industrial imaging applications. The CM311-H design is committed to shorten the development schedule and provide integrators with a complete and rugged solution towards building their own applications.

Mini PCIe Form Factor and Vibration-proof The compact form factor design of a Mini PCIe card is perfect for small-footprint embedded systems. It is also ideal for solutions that need to be vibration-proof while the mounting holes make it suitable for in-vehicle, military and industrial applications.

- Max capturing/ recording up to 1920 x 1080 60fps
- HDMI 1.4a input
- Mini PCI Express form factor
- Windows DirectShow compatible
- Specifically designed SDK

Host Interface	PCI Express Gen2 x1
Audio Interface	HDMI 1.4a
Audio Format	HDMI embedded audio
Audio Sampling Rate	32KHz, 44.1KHz, 48KHz
Connector Type	SHLD 30 pin connector
Video Input Interface	HDMI
Video Format	YUV444: IYU2, AYUV, V410, Y410
	YUV422: YUY2, YUYV, UYVY, V210, Y210
	YUV420: I420, NV12, YV12
	RGB: RGB565, RGB555, RGB24, RGB32, ARGB
Color Depth	8-bit/ 10-bit
Channel No.	1 Ch
Input Resolution	1920x1080p @ 23.98/24/25/29.97/30/50/59.94/60 fps
	1920x1080i @ 50/59.94/60 fps
	1280x720p @ 50/59.94/60 fps
	720x576p @ 50 fps
	720x480p @ 59.94/60 fps
	640x480p @ 59.94/60 fps

## **Record Resolution**

Encoding Mode Multi-Card Support Supported OS Form factor Dimension (L x W) Power Consumption Operating Temperature Operating Humidity

CM311-H

Accessories

SDK kits

1920x1080 @ 23.98/24/25/29.97/30/50/59.94/60 fps 1280x720 @ 50/59.94/60 fps 720x576 @ 50 fps 720x480 @ 59.94/60 fps 640x480 @ 59.94/60 fps Software Encoding Yes Windows 7/8.1/10 (32/64 bits)\* Mini PCle 50.80 x 30 mm ~ 4.0W 0°C ~ 50°C (by simulation) 5% ~ 80% Relative Humidity **Ordering Information** Mini-PCIe 1080p 60FPS HDMI Frame Grabber 30 pin to HDMI adapter cable Thermal pad **SDK Basic** SDK Pro SDK Premium Add-on Kits