AVerMedia CN311H M.2 CaptureCard (4Kp30 HDMI)

[http://www.cartft.com/catalog/il/3083]





439.00 EUR

incl. 19% VAT, plus shipping

- 4Kp30!
- HDMI!
- M.2!

Support: Natasheet

The Latest M.2 Compact Form Factor with 4K 30fps Resolution Nowadays, the M.2 compact form factor has become the hot trend. The dimension of a PCI Express M.2 is extremely compact and designed perfectly to fit into small-footprint embedded systems for industrial applications. Conforming to the most popular standard of M.2, CN311-H is the ideal solution for the education sector and industrial PCs, it features PCIe Gen2 x2 interface with a theoretical bandwidth of 8 Gb/s.

Compatible with HDMI 1.4a standards, CN311-H enables single channel 4096x2160 resolution at 30fps loss-less video data throughput, capable of either capturing or recording at 4096x2160 @ 30fps.

I/O Board Design with HDMI Micro Coaxial Cable Unlike most of M.2 capture cards, AVerMedia makes a breakthrough in the I/O board design. Connected via an HDMI micro coaxial cable, CN311-H can convey 4K video data efficiently, steadily and also benefit the configuration of embedded systems

- Max. input resolution 4096x2160 30fps
- Max. capturing/ recording 4096x2160 30fps
- The latest M.2 compact interface
- · I/O Board design with HDMI micro coaxial cable
- · Hardware video processing:
 - 1. Hardware scaling
 - 2. De-interlacing
 - 3. Color space conversion
- · Ideal for industrial, medical, education and enterprise applications

Host Interface
Audio Format
Audio Sampling Rate
Connector Type
Input Interface

Video Format

Color Depth Channel No. Max. Input Resolution

Max. Recording Resolution

PCIe Gen2 x 2 HDMI embedded audio 32/44.1/48KHz HDMI Type A HDMI 1.4a, DVI-D 1.0

YUV444: IYU2, AYUV, V410, Y410

YUV422: YUY2, YUYV, UYVY, V210, Y210

YUV420: I420, NV12, YV12

RGB: RGB565, RGB555, RGB24, RGB32, ARGB

8-bit/10-bit 1Ch

4096 x 2160 @ 30fps 4096 x 2160 @ 30fps





Input Resolution

Output Resolution

Encoding Mode Multi-Card Support

Supported OS

Form Factor
Dimension (L x W)
Power Consumption
Operating Temperature

640x480p @ 59.94/60/72/75/85

720x480p @ 59.94/60

720x576p @ 50/100

800x600p @ 56/60/72/75/85/120

1024x768p @ 60/70/75/85/120

1152x864p @ 75

1280x720p @ 50/59.94/60/100/120

1280x768p @ 60/75/85/120

1280x800p @ 60/75/85/120

1280x960p @ 60/85

1280x1024p @ 60/75/85

1360x768p @ 60/120

1366x768p @ 60

1400x1050p @ 60/75/85

1440x900p @ 60/75/85

1600x1200p @ 60

1680x720p @ 24/25/30/50/60

1680x1050p @ 60

1920x1080i @ 50/59.94/60

1920x1080p @ 23.98/24/25/29.97/30/50/59.94/60/120

1920x1200p @ 60/75/85

2048x1152p @ 60

1792x1344p @ 60/75

1856x1392p @ 60/75

1920x1440p @ 60/75

2560x1080 @ 24/25/30/50/60

2560x1440 @ 60

2560x1600 @ 60RB

3840x2160 @ 24/25/30

4096x2160 @ 24/25/30

640x480 @ 59.94/60

720x480 @ 59.94/60

720x576 @ 50

1280x720 @ 50/59.94/60

1920x1080@ 23.98/24/25/29.97/30/50/59.94/60

Bypass Mode

1920x1200p @ 60/75/85

2048x1152p @ 60

1792x1344p @ 60/75

1856x1392p @ 60/75

1920x1440p @ 60/75

2560x1080 @ 24/25/30/50/60

2560x1440 @ 60

2560x1600 @ 60RB

3840x2160 @ 24/25/30

4096x2160 @ 24/25/30

Software encoding

Yes

Windows 7/ 8.1/ 10 (32/ 64 bit)*

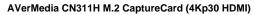
Linux (based on V4L2, support x86, x64)

M.2

22 x 80 mm

3.8 W

0°C ~ 40°C



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Operating Humidity Storage Temperature Safety Certification

CN311-H

SDK kits

0% ~ 95% relative humidity

-30°C ~ 80°C

FCC/CE

Ordering Information

4K 30FPS HDMI M.2 Capture Card I/O Board, HDMI Micro Coaxial Cable

SDK Pro

SDK Premium add-on kits