



419.00 EUR  
 incl. 19% VAT, plus [shipping](#)

- Dual-Channel !
- 2K SDI/HDMI !
- M.2 !
- -20°C ~ 70°C !

**Support:**  [Datasheet](#)

AVerMedia AVerGrabber CN312M, the Dual-Channel M.2 Video Capture Card, is equipped by one HDMI and one SDI channels with the embedded audio. With its HDMI and SDI video source input, it is able to support an astounding uncompressed real-time video capture resolution of up to 2048 x 1080 60fps (SDI)/ 1920 x 1200 60fps (HDMI).

At the frame rate of 60 fps, CN312M can improve the quality of a wide range of media recorded for businesses, universities, broadcasting, and manufacturing facilities, which can eventually provide a more lifelike and smooth video playback experience.

- Max. input resolution 2048 x 1080 60fps
- Max. capturing/recording 1920 x 1080 60fps
- Wide temperature and conformal coating design
- CN312MN: Normal version
- CN312MC: Wide temperature with conformal coating version
- The latest M.2 compact Gen2x4 interface
- Hardware video processing:
  1. hardware scaling
  2. color space conversion

Host Interface

Gen2 x 4

Audio Format

HDMI/SDI embedded audio

Audio Sampling Rate

32/44.1/48KHz

Connector Type

1CH HDMI Type A ,

Input Interface

1CH BNC for SDI

HDMI 1.4a, DVI-D 1.0 + 2K SDI

Video Format

**Driver support output:**

4:2:0 8-bit : NV12, I420, YV12

4:2:2 8-bit : YUY2, YUYV, UYVY

4:4:4 8-bit: IYU2, BGR24, BGR32

Color Depth

**SDK support output:**

4:2:0 8-bit : YV12

Channel No.

4:2:2 8-bit : YUY2

Max. Input Resolution

4:4:4 8-bit: BGR24

Max. Recording Resolution

8-bit (support 10-bit video input)

Encoding Mode

2 channels

Multi-Card Support

2048 x 1080@60fps (SDI)

Supported OS

1920 x 1200@60fps (HDMI)

Form Factor

1920 x 1080@60fps

Dimension (W x L x H)

Software encoding

Power Consumption

Yes

Operating Temperature

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

Storage Temperature

Linux (based on V4L2, support x86, x64)

Operating Humidity

M.2 (2280 Key M)

Safety Certification

**CN312MN:** 22 x 80 x 6.8 mm

Package includes

**CN312MW/CM312MC:**

22 x 80 x 26.3 mm

3.3 W

**CN312MN:** 0°C ~ 40°C**CN312MW/CM312MC:**

-20°C ~ 70°C (with 0.5m/s airflow)

0% ~ 95% relative humidity

-40°C ~ 85°C

FCC / CE

CN312M x 1

BNC Cable x 1

HDMI Micro Coaxial Cable x 1