

Short FAQs about Pro Capture

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1. What interfaces do Pro Capture cards support? How many channels can they capture? Which operating systems are they compatible with?

Pro Capture cards support common interfaces including HDMI, SDI, DVI (DVI-I/D/A), VGA, and YPbPr. They can capture one, two, or four channels of digital or analog signals. They are compatible with Windows, Mac, and Linux.

2. What are the maximum resolution and frame rate supported by Pro Capture cards? Do they support non-standard resolutions and frame rates?

Pro Capture cards can capture up to 4096x2160 and 144fps (the actual capture frame rate may be limited by the PCIe bandwidth and image resolution). With EDID editing tools, Pro Capture cards can capture non-standard resolutions and frame rates. For details, please refer to the [article](#).

3. What are the specifications of the PCIe interfaces of Pro Capture 4K cards?

Pro Capture single-channel 4K cards use PCIe Gen2 x4, while dual-channel 4K cards use PCIe Gen2 x8.

4. What are features provided by Pro Capture cards?

Featuring FPGA-based video processing, Pro Capture cards provide functions including up/down conversion of resolutions and frame rates, deinterlacing, color adjustment, color space conversion, and on-screen display (OSD).

5. Do Pro Capture cards provide SDK?

Pro Capture cards provide the MWCapture SDK, which provides cross-platform generic and custom interfaces. Common interfaces include DirectShow, DirectKS, V4L2 and AVCaptureSession. Custom interfaces can give full play to hardware performance to implement advanced functions such as video/audio sync between different channels captured by the same card or even between different capture cards, and low-latency multi-stream capturing, allowing developers to achieve video/audio data capturing more flexibly.



6. Do Pro Capture HDMI cards support CEC, HDR or Camera Link?

(1) Pro Capture HDMI cards do not support CEC.

(2) Pro Capture HDMI 4K Plus, Pro Capture HDMI 4K Plus LT, Pro Capture Dual HDMI 4K Plus LT, and Pro Capture AIO 4K Plus cards support HDR (only HDR10).

(3) Pro Capture HDMI cards do not support Camera Link.

7. What is the latency of Pro Capture cards?

Pro Capture cards have a latency of about 60ms for capturing a 1080p60 signal. The latency can vary depending on the performance of the capture software used. Developers can use the SDK to enable the low-latency mode and reduce the latency to 64 scan lines. For details, see the [article](#).

8. Does the Pro Capture SDI 4K Plus card supports the input of a single-link 12G SDI signal?

Yes. Pro Capture SDI 4K Plus card supports three types of connections: single-link 12G SDI, dual-link 6G SDI, and quad-link 3G SDI.

9. What software does Magewell provide for its capture cards?

Magewell provides the following software for its capture cards: Capture Express, USB Capture Utility, Plugin for Premiere®, and Bridge for NDI®.

