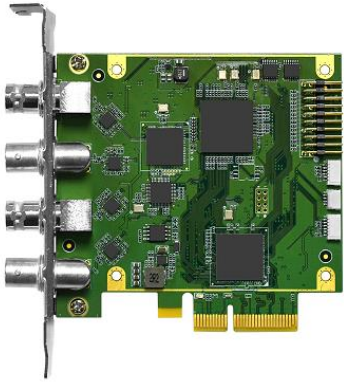


SC710 Series Hardware Specification	
<b>Model</b>	SC710N1 12G-SDI
<b>Max. FPS</b>	4096x2160p@60/50fps in → 4096x2160p@60/50fps out
<b>Recording Mode</b>	Software Compression, Real-Time Mode
<b>Product photo</b>	
<b>Dimension</b>	93.98x91.5 ( mm ) PCIe Full Height
<b>Interface</b>	PCIex4 (Gen2)
<b>Video Input</b>	1x12G-SDI or 2x6G-SDI or 4x3G-SDI (RGB/YUV 420/422 8/10bits)
<b>Display Video Format</b>	YV12, NV12, YUY2, RGB24, RGB32, V410, Y410
<b>Video RAW Data Resolution</b>	<p>12G-SDI 4096x2160@60/50fps 3840x2160@60/50fps</p> <p>6G-SDI 4096x2160@30/25/24fps 3840x2160@30/25/24fps</p> <p>3G-SDI 1920x1080p@60/50fps</p> <p>HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps</p> <p>SD-SDI 720x480i@60fps 720x576i@50fps</p>

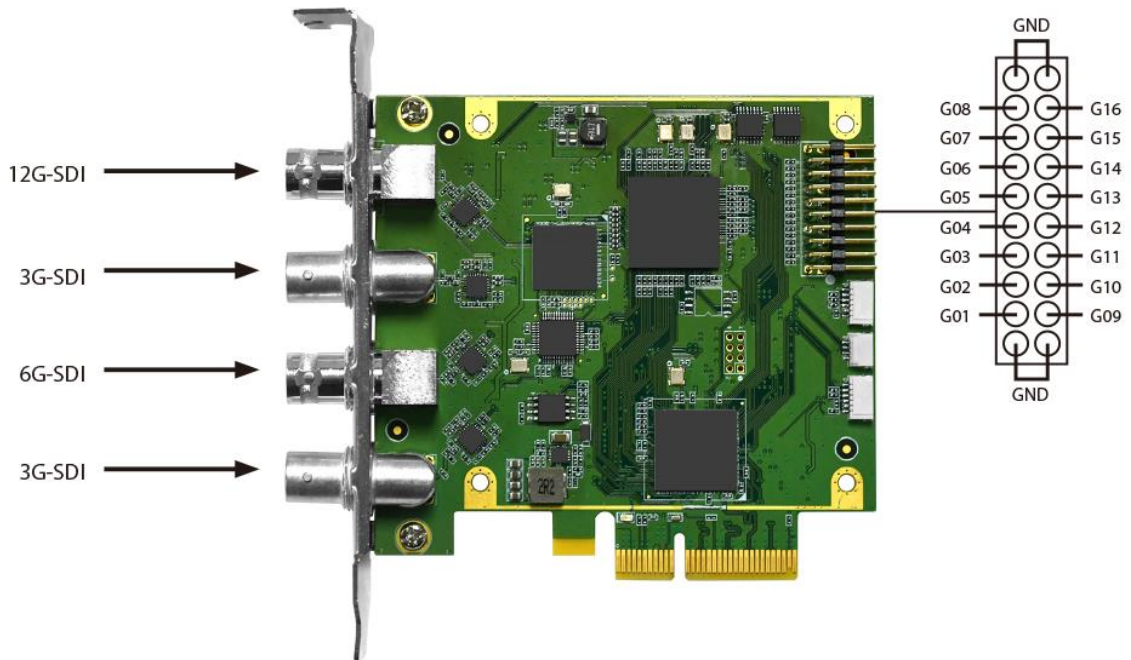
<b>Recording Video Format</b>	H.264 ( Software Compression )
<b>Recording Video Resolution</b>	<p>12G-SDI 4096x2160@60/50fps 3840x2160@60/50fps</p> <p>6G-SDI 4096x2160@30/25/24fps 3840x2160@30/25/24fps</p> <p>3G-SDI 1920x1080p@60/50fps</p> <p>HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps</p> <p>SD-SDI 720x480i@60fps 720x576i@50fps</p>
<b>Audio Input</b>	4xSDI Embedded Audio
<b>Audio Format</b>	Stereo / 16-bit / 32000 ~ 48000Hz
<b>I/O</b>	16
<b>Multiple Cards</b>	∞
<b>SDK</b>	Support API : DirectShow, V4L2, FFmpeg, Gstreamer Support Language : C++, C#, .NET, Visual Basic, Qt, Delphi

## System Requirement

### OS Support

Windows 7 / Windows 8 / Windows 8.1 / Windows 10 / Windows 11  
Linux 4.8 or Higher ( 32-bit and 64-bit )

## Connection Diagram



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