


SC710 Series Hardware Specification

Model	SC720N4 12G-SDI
Max. FPS	3840x2160p@60/50fps in → 3840x2160p@60/50fps out
Recording Mode	Software Compression, Real-Time Mode
Product photo	
Dimension	140.97x101.01 (mm) PCIe Full Height
Interface	PCIex8 (Gen2)
Video Input	4x12G-SDI
Video Output	4x12G-SDI (Loop-Through; Optional)
Display Video Format	YV12, NV12, YUY2, RGB24, RGB32, P010
Video RAW Data Resolution	<p style="text-align: center;">12G-SDI 3840x2160@60/50fps</p> <p style="text-align: center;">6G-SDI 4096x2160@30/25/24fps 3840x2160@30/25/24fps</p> <p style="text-align: center;">3G-SDI 1920x1080p@60/50fps</p> <p style="text-align: center;">HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps</p> <p style="text-align: center;">SD-SDI</p>

	<p>720x480i@60fps 720x576i@50fps</p>
Recording Video Format	H.264 (Software Compression)
Recording Video Resolution	<p>12G-SDI 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>
Audio Input	4xSDI Embedded Audio
Audio Output	4xSDI Embedded Audio (Loop-Through; Optional)
Audio Format	Stereo / 16-bit / 32000 ~ 48000Hz
Multiple Cards	∞
SDK	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

