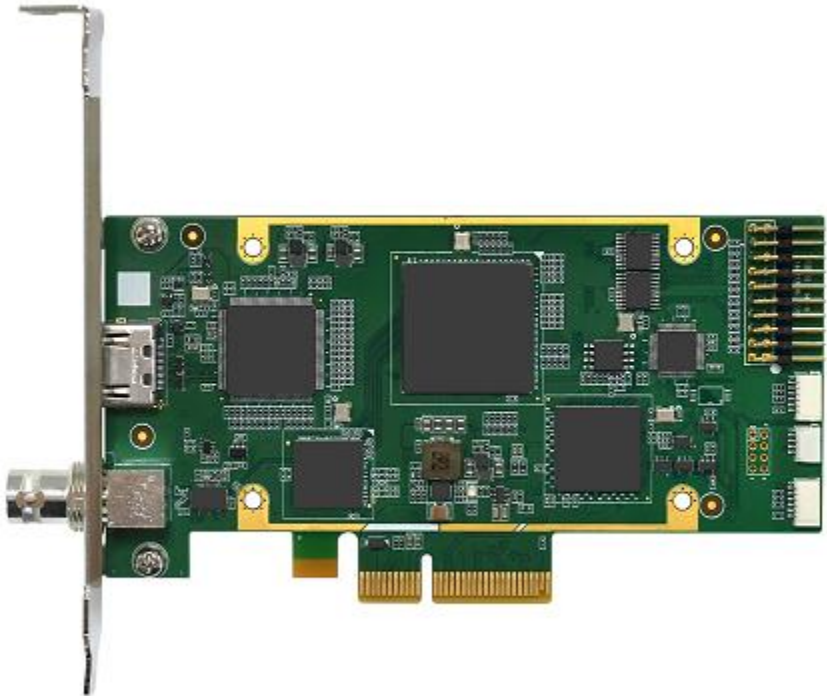


SC710 Series Hardware Specification			
Model	SC710N1-L 12G-SDI+HDMI2.0		
Max. FPS	4096x2160p@60/50fps in → 4096x2160p@60/50fps out		
Recording Mode	Software Compression, Real-Time Mode		
Product photo			
Dimension	126.96x68.9 (mm) PCIe Low Profile		
Interface	PCIex4 (Gen2)		
Video Input	1x12G-SDI, 1xHDMI2.0		
Display Video Format	YV12, NV12, YUY2, RGB24, RGB32, V410, Y410		
Video RAW Data Resolution	<table border="0"> <tr> <td style="text-align: center;"> 12G-SDI 4096x2160@60/50fps 3840x2160@60/50fps 6G-SDI 4096x2160@30/25/24fps 3840x2160@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps </td> <td style="text-align: center;"> HDMI 2.0 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps </td> </tr> </table>	12G-SDI 4096x2160@60/50fps 3840x2160@60/50fps 6G-SDI 4096x2160@30/25/24fps 3840x2160@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps	HDMI 2.0 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps
12G-SDI 4096x2160@60/50fps 3840x2160@60/50fps 6G-SDI 4096x2160@30/25/24fps 3840x2160@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps	HDMI 2.0 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps		

	1920x1080i@60/50fps 1280x720p@60/50fps SD-SDI 720x480i@60fps 720x576i@50fps	720x576p@50fps 720x480i@60fps 720x576i@50fps
Recording Video Format	H.264 (Software Compression)	
Recording Video Resolution	12G-SDI 4096x2160@60/50fps 3840x2160@60/50fps 6G-SDI 4096x2160@30/25/24fps 3840x2160@30/25/24fps 3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps SD-SDI 720x480i@60fps 720x576i@50fps	HDMI 2.0 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps
Audio Input	1xSDI Embedded Audio 1xHDMI Embedded Audio	
Audio Format	Stereo / 16-bit / 32000 ~ 48000Hz	
I/O	16	
Multiple Cards	∞	
SDK	Support API : DirectShow, V4L2, FFmpeg, Gstreamer Support Language : C++, C#, .NET, Visual Basic, Qt, Delphi	
SDI Metadata Support	VANC Capture and Palyback Being Able to Get Timecode, Close Caption..etc.	

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

