


SC710 Series Hardware Specification	
Model	SC710N1 M2 HDMI2.0
Max. FPS	4096x2160p@60/50fps in → 4096x2160p@60/50fps out
Recording Mode	Software Compression, Real-Time Mode
Product photo	
Dimension	22x80 (mm) M.2 Type M
Interface	M.2 (PCIe x4)
Video Input	1xHDMI 2.0 (RGB/YUV 420/422 8/10bits, 3D Support HDMI1.4B 3D specification)
Display Video Format	YV12, NV12, YUY2, RGB24, RGB32, V410, Y410
Video RAW Data Resolution	HDMI 2.0 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 2560x1440p@144fps 1920x1080p@240/144/120/100fps 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
Recording Video Format	H.264 (Software Compression)

Recording Video Resolution	HDMI 2.0 4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 2560x1440p@144fps 1920x1080p@240/144/120/100fps 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	1xHDMI Embedded Audio
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

