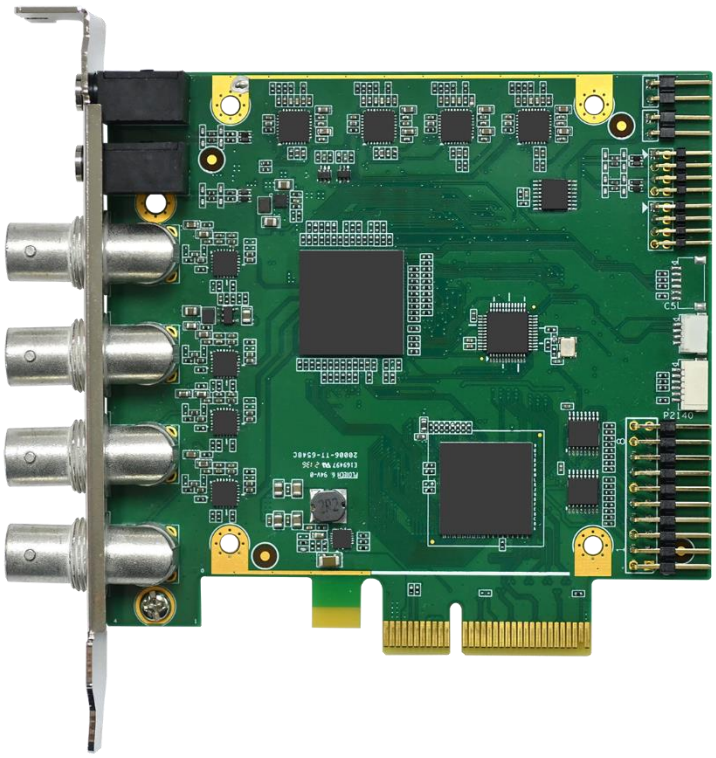
Hardware Specification	
Model	YS-4160SB
Max. FPS	1920×1080p@60/50fps in → 1920×1080p@60/50fps out
Recording Mode	Software Compression, Real-Time Mode
Product photo	
Dimension	99.44×95.99 (mm) PCIe Full Height
Interface	PCIe×4 (Gen2)
Video Input	4×SDI (Level B Supported)
Display Video Format	YV12, NV12, YUY2, RGB24, RGB32, P010
Video RAW Data Resolution	3G-SDI 1920×1080p@60/50fps HD-SDI 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps SD-SDI 720×480i@60fps 720×576i@50fps

Recording Video Format	H.264 (Software Compression)
Recording Video Resolution	3G-SDI 1920×1080p@60/50fps HD-SDI 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps SD-SDI 720×480i@60fps 720×576i@50fps
Audio Input	4×SDI Embedded Audio 4×Audio Mono In PCB Audio Pin Input: 4×Stereo Audio
Audio Format	Stereo / 16-bit / 32000 ~ 48000Hz
I/O	16
WatchDog	✓
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

