
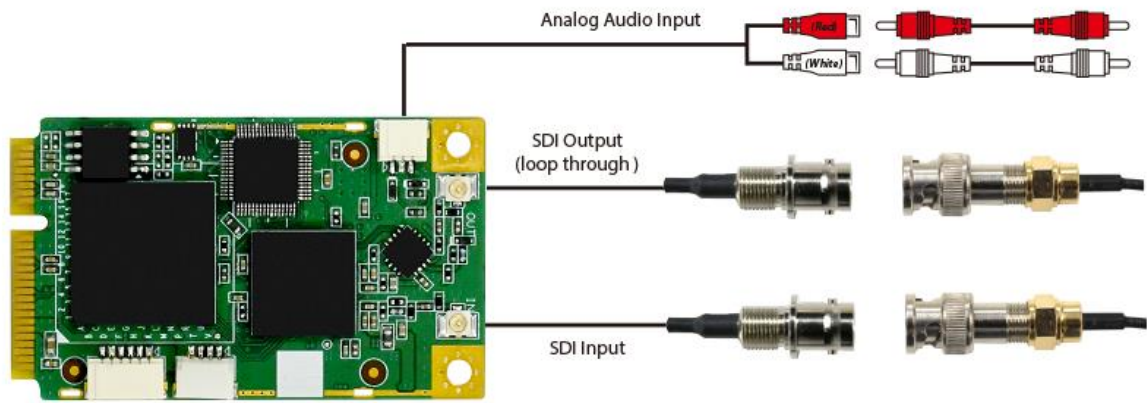


VDB-400 Series Hardware Specification	
Model	VDB-400N1 MC SDI
Max. FPS	1920x1080p@60/50fps in → 1920x1080p@60/50fps out
Recording Mode	Software Compression, Real-Time Mode
Recording Mode	
Dimension	30x50.95 (mm)
Interface	MiniCard (PCIe x1)
Video Input	1xSDI
Video Output	1xSDI (Loop-Through)
Display Video Format	YV12, NV12, YUY2, RGB24, RGB32, P010
Video RAW Data Resolution	3G-SDI 1920x1080p@60/50fps HD-SDI 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps SD-SDI 720x480i@60fps 720x576i@50fps
Recording Video Format	H.264 (Software Compression)

Recording Video Resolution	<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	1xSDI Embedded Audio Audio L/R (Through Wafer Connector)
Audio Output	1xSDI 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)
CPU Requirement	6th Generation Quad-Core Intel I7 CPU / AMD Ryzen 7 (or Better)
GPU Requirement	nVIDIA GeForce GTX10XX (or Better)
RAM Requirement	Dual Channel 16GB RAM
Operating Temperature	-10 ~ 70°C
Storage Temperature	-40 ~ 85°C
Operating Humidity	5% ~ 95%RH (Non-condensing)
MTBF (Hrs)	4,201,225
Safety Certificate	Meet CE/FCC Standard

Connection Diagram



TAA Compliant
Designed & Made in Taiwan
Wide Temperature Range