

User Manual

Model – SC502MC SDI

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1 · Introduction

SC502MC SDI is a high-quality, high-performance capture device. It supports 1 channel of video inputs with SDI connectors.

2 Specification

	Product Series Hardware Specification	
Model	SC502 N1 MC SDI	
Max. FPS	30/25fps @ 1920x1080p	
Recording Mode	Software Compression, Real-Time Mode	
Product Photo		
Dimension	Software Compression, Real-Time Mode	
Interface	Minicard (PCIe Gen2 x1)	
Video Input	1 × SDI	
Display Video Format	YUY2	
	1920×1080p@30/25/24fps	
Display Video Resolution	1920×1080i@60/50fps	
	1280×720p@60/50fps	
	720×480i@60fps	
	720×576i@50fps	

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Recording Video Resolution	1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 720×480i@60fps 720×576i@50fps
Audio Input	SDI Embedded Audio Audio L/R (2 × RCA through wafer connector to RCA cable)
Audio Format	Stereo / 16-bit / 32000 ~ 48000Hz
SDK	VC++ / .NET / VB / V4L2
	System Requirement
OS Support	Windows XP / Vista / Windows 7 Linux 2.6.14 or Higher (32-bit and 64-bit)

3 • Hardware Installation

Before You proceed

Please note below precautions before any install/uninstall operations:

- ✓ ALWAYS turn off the system before hardware installation/un-installation.
- ✓ ALWAYS unplug the power cord from the wall outlet/socket before hardware installation/un-installation.
- ALWAYS touch a safely grounded object or metal object before touching the device.
- * DO NOT touch any devices before the system is fully off.
- DO NOT touch any electrical and semiconductor components on the device, especially ICs on board.

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4.1 Card and Driver Installation

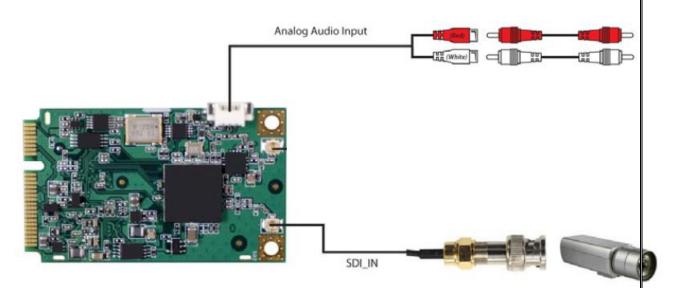
Step 1: Turn off the system and unplug power cord from wall outlet/socket.

Step 2: Remove the computer system case cover.

Step 3: Plug capture device into an available PCIe slot on motherboard.

Step 4: After hardware installation is completed, then install the driver.

4.2 Signal Source Connection Diagram



SDI Camera

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