

User Manual

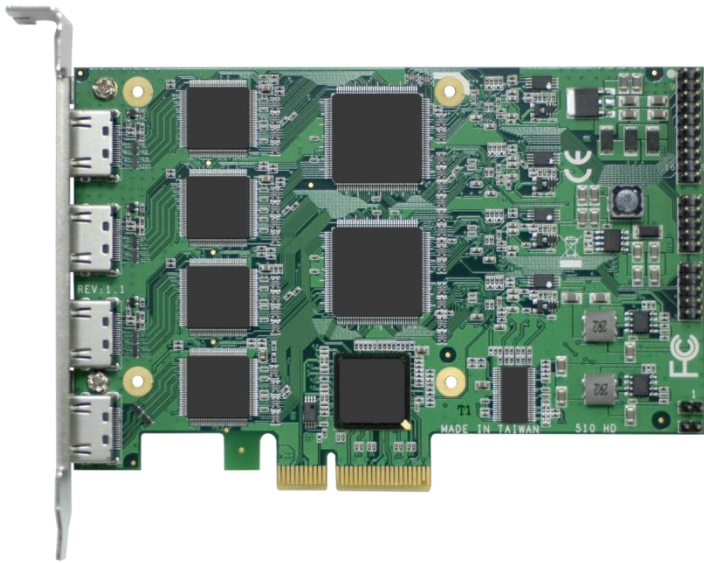


Model – SC510N4 HDMI

1 、 Introduction

SC510 N4 HDMI is a high-quality, high-performance capture device. It supports up to 4 channels of video inputs with HDMI connectors.

2 、 Specification

Product Series Hardware Specification	
Model	SC510 N4 HDMI
Max. FPS	120/100fps @ 1920x1080p
Recording Mode	Software Compression, Real-Time Mode
Product Photo	
Dimension	140 x 94.5 (mm)
Interface	PCIe x4
Video Input	4 x HDMI
Display Video Format	YUY2
Display Video Resolution	1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1024x768p@60fps 800x600p@60fps 720x576p@50fps 720x576i@50fps

	720x480p@60fps 720x480i@60fps 640x480p@60fps
Recording Video Format	MPEG4 / H.264 (Software Compression)
Recording Video Resolution	1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1024x768p@60fps 800x600p@60fps 720x576p@50fps 720x576i@50fps 720x480p@60fps 720x480i@60fps 640x480p@60fps
Audio Input	4 x HDMI
Audio Format	Stereo / 16-bit / 32000 ~ 48000Hz
I/O	16
WatchDog	✓
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 、 Packing List

Item	Amount
SC510N4 HDMI Capture Card	1 (piece)
Watchdog cable	1 (piece)

4 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.

4.1 Card and Driver Installation

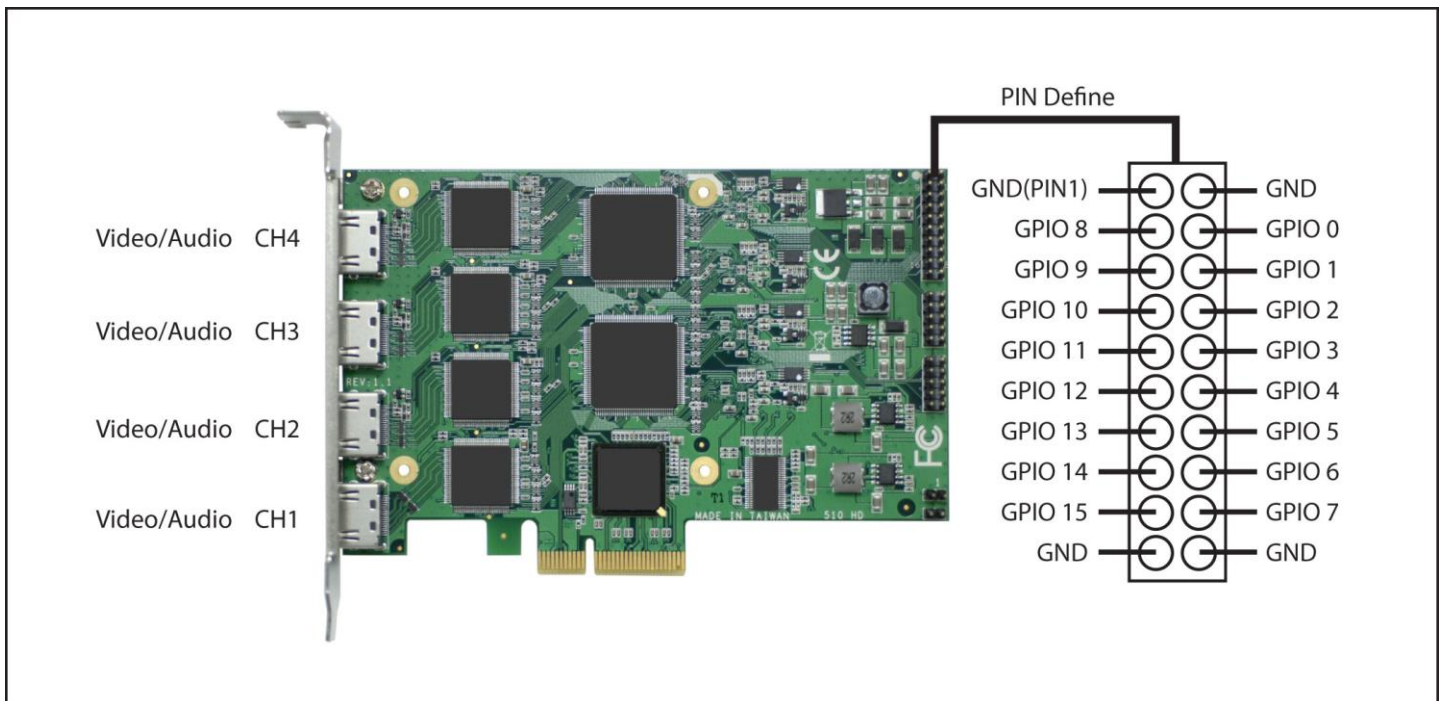
Step 1: Turn off the system and unplug power cord from wall outlet/socket.

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



4.3 Watchdog cable Installation (optional)

Watchdog function is to reset the PC automatically when the system is crashed on an unknown error.