

PD570 PRO SDI

User Guide

101-PD571-UVC

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3. PRODUCT INTRODUCTION

3.1. Product Brief

PD570 PRO SDI is a high-quality, high-performance capture device which is specially designed for high-definition video capture applications. It supports up to 1 channel of high-definition, 1080p60 video from SDI source and selectable 3.5mm audio source.

3.2. Specification

Model	PD570 PRO SDI
Max. Input Resolution	1920x1080p @ 60/50fps
Recording Mode	Software Compression, Real-Time Mode
Product Photo	
Interface	USB3.0 (SuperSpeed) UVC
Video Input Interface	1 × SDI
Video RAW Data Format	YUY2
Video Input Resolution	USB2.0/3.0 Support Resolution 1920×1080p@60/50fps 1920×1080p@30/25/24fps 1920×1080i@60/50fps 1280×720p@60/50fps 720×480i@60fps 720×576i@50fps
Recording Video Format	YUY2 (USB2.0/3.0)

<p>UVC output Resolution</p>	<p>USB3.0 Support Resolution 1920×1080p@60/50/30/25/24fps 1280×1024p@60/50/30/25/24fps 1280×720p@60/50/30/25/24fps 1024×768p@60/50/30/25/24fps 800×600p@60/50/30/25/24fps 640×480p@60/50/30/25/24fps 720×576p@60/50/30/25/24fps 720×480p@60/50/30/25/24fps</p> <p>USB2.0 Support Resolution 640×480p@30/25/24fps 720×576p@25/24fps 720×480p@25/24fps</p>
<p>Audio Input Interface</p>	<p>SDI Embedded Audio 3.5mm Analog Stereo Audio</p>
<p>UAC Audio Output Format</p>	<p>Stereo / 16-bit / 48000Hz</p>

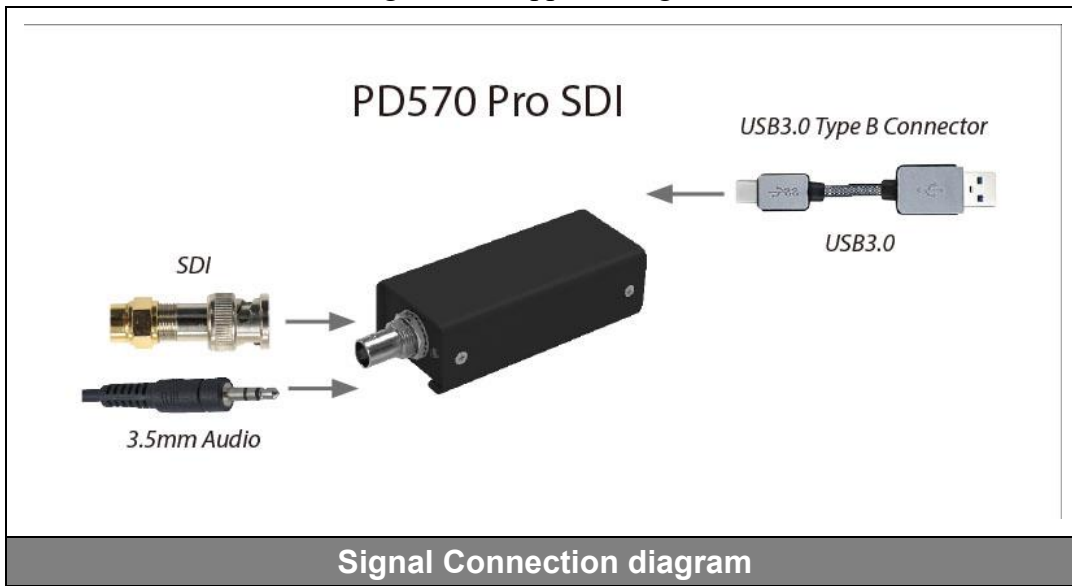
4. HARDWARE INSTALLATION

4.1. Package Contents

Item	Amount
PD570 PRO SDI	1
USB3.0 Cable	1
2 x RCA to 3.5mm stereo analog audio cable	1

4.2. Connection Diagram

Figure below is the connection diagram for supported signal and interface.



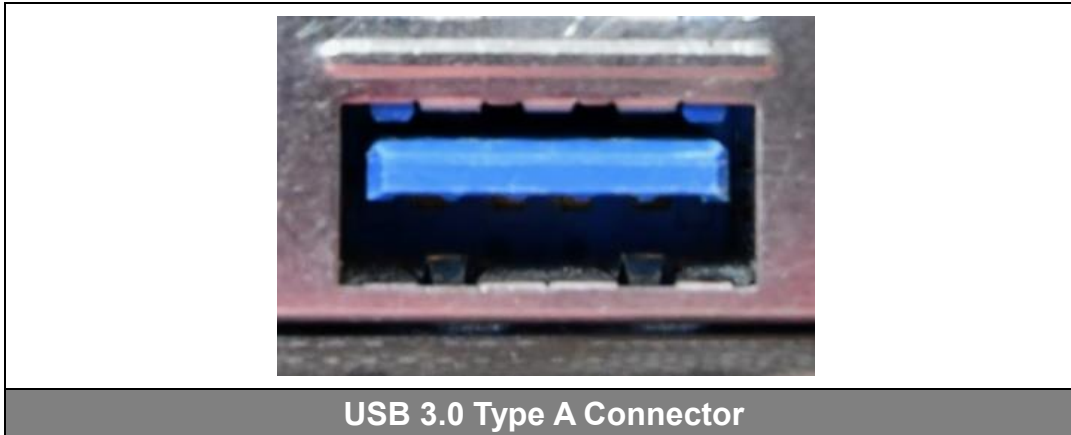
4.3. Precaution

Before proceed, make sure touch a safely grounded object or metal object before touching the device.

4.4. USB UVC Dongle

- Connect USB3.0 cable to PC/Laptop





- Connect USB Type B connector to PD570
- Connect signal source

5. SOFTWARE INSTALLATION

5.1. Support OS

Windows based system	Windows 7	Support
	Windows 8/8.1	Support
	Windows 10	Support
Android		Support
MAC OS		Support
Linux		Support

5.2. Driver Installation

For UVC devices, there is no need to install drivers. The driver will activate automatically when the device is attached.

Utility (Win) for UVC settings can be downloaded from

[http://jmc.se/Download/ UVC Utlity-20170913.zip](http://jmc.se/Download/UVC%20Utlity-20170913.zip)