



JMC System Engineering UB570 PRO UVC User Manual

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UB570 PRO UVC

User Manual



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3. PRODUCT INTRODUCTION

3.1. Product Brief

UB570 PRO UVC is a high-quality, high-performance capture device that is specially designed for high-definition video capture applications. It supports up to 1 channel of high-definition, 1920x1200p60 video from HDMI source and alternatively one 3G SDI input.

3.2. Specification

Model	UB570 Pro
Max. FPS	1920×1080p@60/50fps
Recording Mode	Software Compression, Real-Time Mode
Interface	USB3.0 (SuperSpeed) UVC / USB2.0 (High-Speed) UVC
Video Input	1×SDI, 1×HDMI, 1×DVI-I, 1×YPbPr, 1×CVBS, 1×S-Video
Video RAW Data Format	YUY2
Video Input Resolution	USB2.0/3.0 Support Resolution All resolution below 1920×1200p@60fps
Recording Video Format	YUY2 (USB2.0/3.0)
UVC Video Output Resolution	USB3.0 Support Resolution 1920×1200p@60/50/30/25/24fps 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 USB2.0 Support Resolution 640×480p@30/25/24fps 720×576p@25/24fps 720×480p@25/24fps
Audio Input	SDI Embedded Audio HDMI Embedded Audio 2×RCA (Audio L/R Through Component Cable)
Audio Format	Stereo / 16-bit / 48000Hz
	System Requirement
OS Support	Windows 7 / Windows 8.1 / Windows 10 (32-bit and 64-bit) Linux / MAC OS / Android

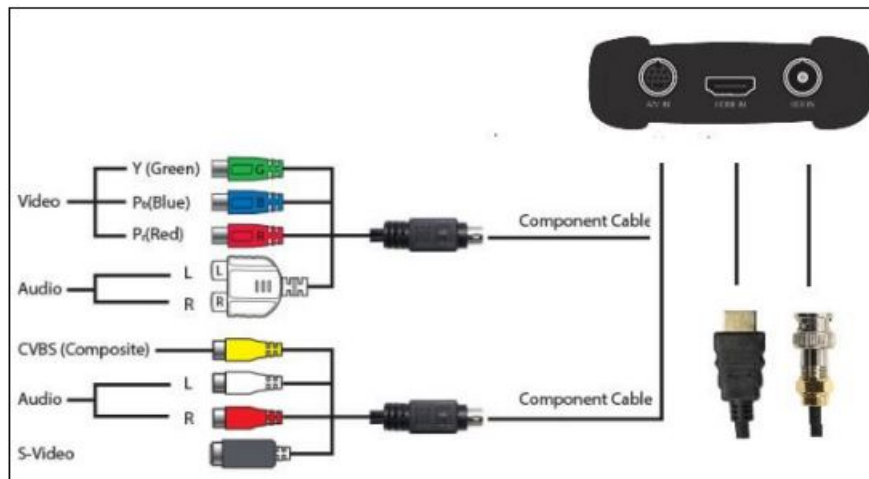
4. HARDWARE INSTALLATION

4.1. Package Contents

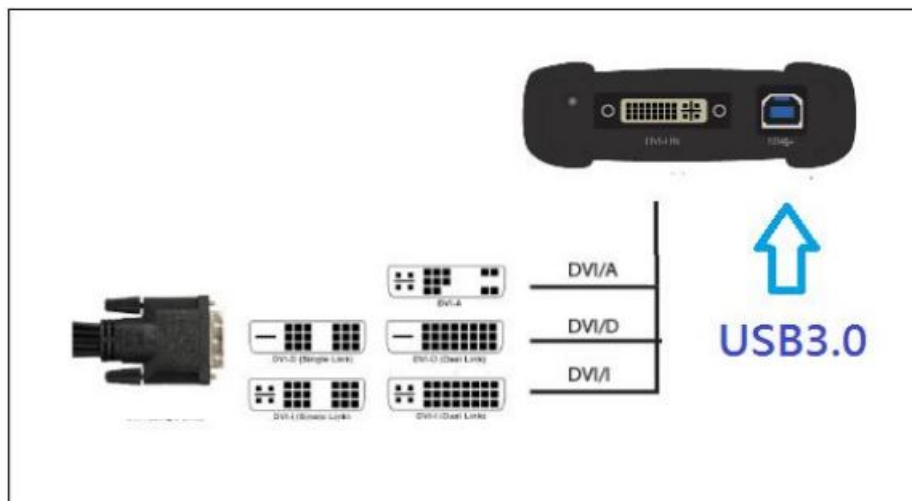
Item	Amount
UB570 PRO UVC	1
USB3.0 Cable	1
2 x RCA to 3.5mm stereo analog audio cable	1

Signal Source Connection Diagram

Front Side



Rear Side



4.2. Precaution

Before proceeding, make sure to touch a safely grounded object or metal object before touching the device. Please follow the below chapter for installation operations

4.3. USB UVC Dongle

- Connect USB3.0 cable to the computer



- Connect USB Type B connector to UB570 PRO UVC
- 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/2020/UVC.UTILITY.X86_V1.50.EXE

JMC Systems Engineering AB
www.jmc.se
+46-8-82 82 70
info@jmc.se

Documents / Resources

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References

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