NEXIS

YS-U3HA



User Manual

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1. PRODUCT INTRODUCTION

1.1. Product Brief

YS-U3HA 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, 1920x1200p60 video from HDMI source and selectable 3.5mm audio source.

1.2. Specification

Model	YS-U3HA
Max. Input Resolution	1920x1200p @ 60/50fps
Recording Mode	Software Compression, Real-Time Mode
Product Photo	
Interface	USB3.0 (SuperSpeed) UVC
Video Input Interface	1 × HDMI
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 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 Interface	HDMI Embedded Audio 3.5mm Analog Stereo Audio
UAC Audio Output Format	Stereo / 16-bit / 48000Hz

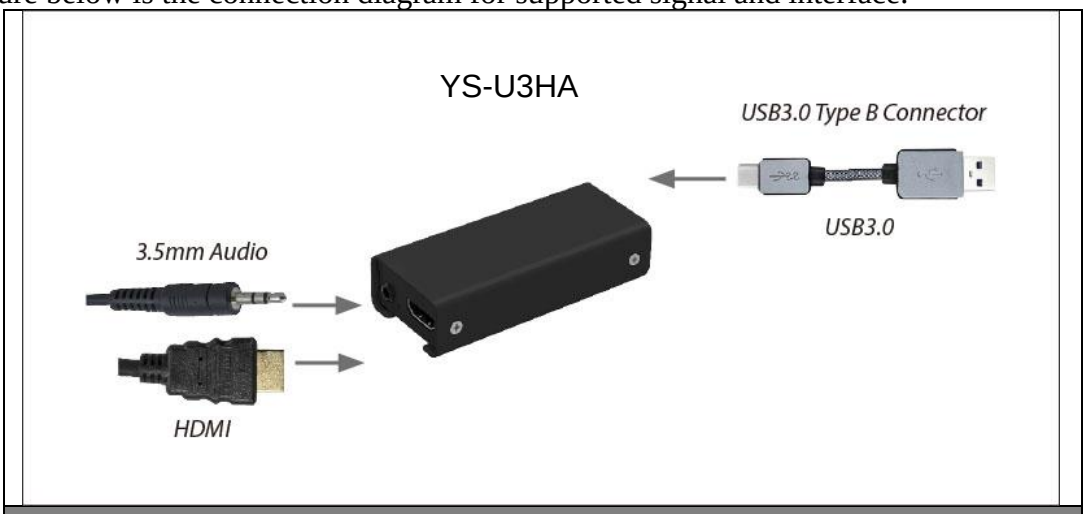
2. HARDWARE INSTALLATION

2.1. Package Contents

Item	Amount
YS-U3HA	1
USB3.0 Cable	1
2 x RCA to 3.5mm stereo analog audio cable	1

2.2. Connection Diagram

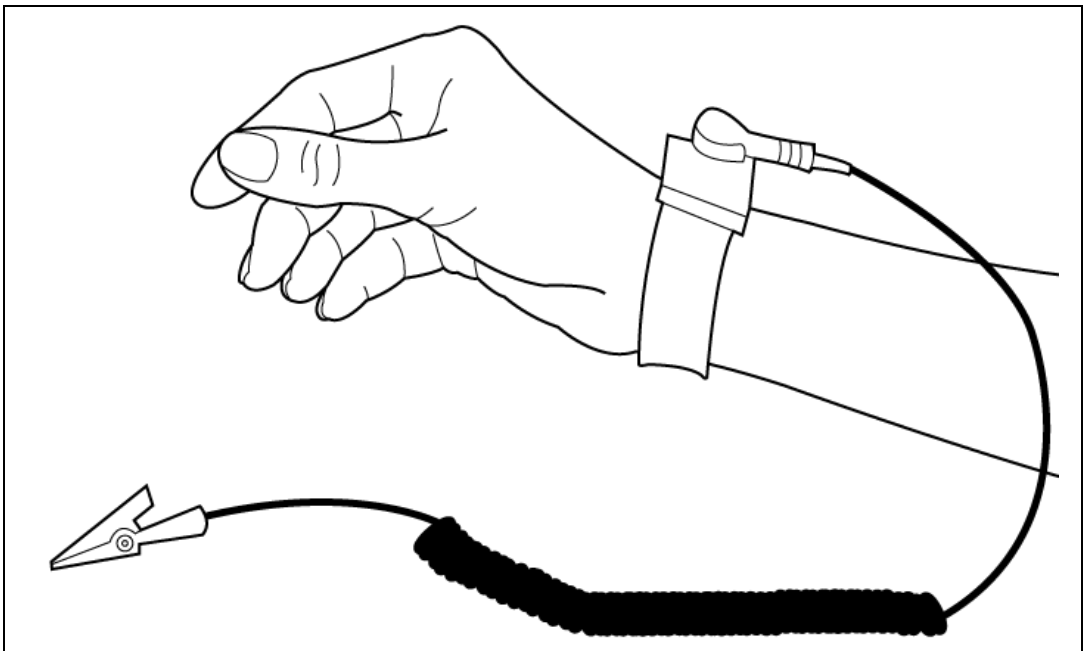
Figure below is the connection diagram for supported signal and interface.



Signal Connection diagram

2.3. Precaution

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



Wrist strap

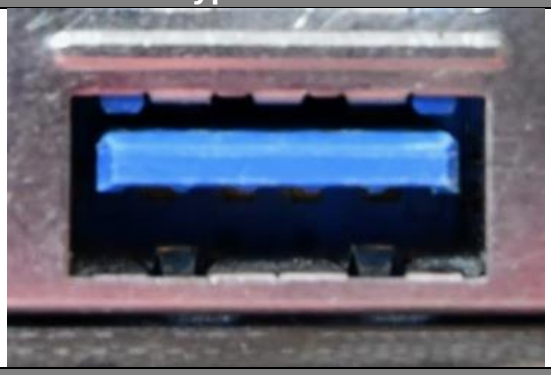
Please follow below chapter for installation operations

2.4. USB UVC Dongle

- Connect USB3.0 cable to PC/Laptop



USB Type B Connector



USB 3.0 Type A Connector

- Connect USB Type B connector to YS-U3HA
- Connect signal source

3. SOFTWARE INSTALLATION

3.1. Support OS

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

3.2. Driver Installation

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