

**USB 3.0 Uncompressed Full HD Capture Box with One HDMI Input
Channel and One HDMI Output Channel, 1920x1080@60p**

HDB-301R

Quick Installation Guide

Version 1.0

April 1, 2016

Package Content

HDB-301R package includes the following items:

- 1 x HDB-301R full HD capture box
- 1 x USB 3.0 cable
- 1 x Quick installation guide



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Specifications

- PC INTERFACE
 - USB 3.0
- INPUT PORT
 - Video Input Channel: One
 - Video Input Type: HDMI
 - Audio Input Channel: One
 - Audio Input Type: HDMI (stereo)
- NO DELAY HDMI PASSTHROUGH
 - Video Output Channel: One
 - Video Output Type: HDMI
 - Audio Output Channel: One
 - Audio Output Type: HDMI (stereo)
- SUPPORTED RESOLUTION (VIDEO INPUT)
 - 1920x1080 24p/25p/30p/50p/59.94p/60p
 - 1920x1080 50i/59.94i/60i
 - 1680x1050 30p/60p
 - 1440x900 30p/60p
 - 1360x768 30p/60p
 - 1280x1024 30p/60p
 - 1280x800 30p/60p
 - 1280x768 30p/60p
 - 1280x720 30p/50p/59.94/60p
 - 1024x768 30p/60p
 - 800x600 60p
 - 720x576 50i/50p
 - 720x480 60i/60p
 - 640x480 60p
- SAMPLING FREQUENCIES (AUDIO INPUT)
 - 44.1 k, 48 kHz

- SYSTEM REQUIREMENTS

CPU: Intel® Core™ i5-3400 CPU or above

Memory: 4 GB or more

OS Environment:

➢ Windows: Microsoft® Windows® 7/8.1/10 32-bit/64-bit

➢ Linux: Ubuntu 14.04.01 32-bit/64-bit (kernel version 3.16.0-30)

- SOFTWARE SUPPORT

Software Development Kit (SDK) provided with demo program

- OTHERS

Dimensions: 105 mm x 58 mm x 18 mm

Operating Temperature: 0°C ~ 60°C, non-condensing

Power Consumption: 4 W (5V, 800mA)

Connector Overview

The connector overview of the HDB-301R is shown below:



Frequently Asked Questions (FAQ)

Q: How to obtain the latest drivers?

A: Please go to <http://www.ieiworld.com/>. You can always find and download the latest driver from the “Support” page.

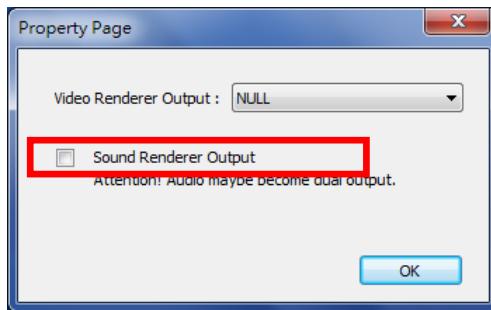
Q: Where are the AP & SDK & sample code?

A: AP & SDK & sample code are in the folder which you specify when installing AP. The default path is C:\Program Files\IEI_HDB_SDK.

Q: There is no sound in Windows 10.

A: In this situation, restart the computer, and then go to the **Property Page** of the IEI HDB-301R AP to check the **Sound Renderer Output** box.

For how to use the IEI HDB-301R AP, please refer to **Section 3.3** in the user manual.



* Please visit the IEI website to download the IEI HDB-301R AP and SDK setup files.

** The quick installation guide provides brief introduction of the product. For detailed information and installation, please refer to the user manual which can be downloaded from the IEI website.