PARTILINK

HDMI 2.0 to 4K@30Hz PCIe Capture Card

PCI-H01HP2



User Manual (210721 v.1)

www.partilink.com

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1. Overview

Partilink PCI-H01HP2, HDMI 2.0 to 4K@30Hz PCIe Capture Card, is designed to capture 4K@60Hz video, then uplink 4K@30Hz data to the computer through the PCIe. It allows the user to capture 4K HDMI video from sources such as PS4, XBOX, Switch, camera ...etc. for filing, re-editing and streaming via the PC.

It will not affect the performance of computer while maintaining a resolution up to 4K at 30Hz. with this 4K HDMI capture mate for PC, streaming media made easy to capture every sound and movement effectively and simultaneously

2. Features

- Supports HDMI input resolution up to 3840x2160@60Hz and HDR
- HDMI loop-out port supports resolution up to 3840x2160@60Hz and HDR
- Video capture resolution up to 3840x2160@30Hz or 1920x1080p@120Hz
- Supports deep color (36-bit color)
- Supports PCIe x 1 (Gen4)
- Compatible with third-party applications such as QuickTime, OBS, XSplit, vMix...etc.

3. Specification

MODEL NO.		101HP2							
INPUT INTERFACE	HDMI 2.0 Type-A x 2								
OUTPUT INTERFACE	PCIE x 1, HDMI 2.0 Type-A x 1	PCIE x 1, HDMI 2.0 Type-A x 1							
INPUT/ OUTPUT (LOOPOUT) RESOLUTION	840 x 2160p 60/50/30/25/24Hz 560 x 1440p 144/60Hz 920 x 1080p 240/144/120/60/50/30/25/24Hz 920 x 1080i 60/50Hz 280 x720p 60/50Hz 20 x 576p 50Hz 20 x480p 60Hz 20 (1440) x576i 50Hz 20 (1440) x480i 60Hz 340 x480p 60Hz								
	NV12		YUY2						
CAPTURE RESOLUTION	3840x2160p 2560x1440p 1920x1080p 120/60/50/3 1280x720p 720x480p 720x576p 640x480p	30 Hz 60 Hz 30/25 Hz 60 Hz 60 Hz 50 Hz 60 Hz	2560x1440p50 Hz1920x1080p60/50/30/25 Hz1280x720p60 Hz720x480p60 Hz720x576p50 Hz640x480p60 Hz						
COLOR SAMPLING	RGB, YUV (YCbCr444, YCbCr422, YCbCr420)								
VIDEO FORMAT	NV12 , YUY2	NV12 , YUY2							
UAC AUDIO OUTPUT	Stereo / 16-bit PCM encod	Stereo / 16-bit PCM encoded audio at 48KHz sampling rates							
	CPU	i5 Dual Core	2.8GHz or higher						
SYSTEM REQUIREMENTS	RAM	4GB or highe	GB or higher						
	OS	Windows 8 a MacOS 10.13	and above and above						
	Operating Temperature	0℃ ~ 45℃							
ENVIRONMENT	Operating Humidity	20% ~ 90%							
DIMENSION	120.9 x 133.7 x 21.6m (W >	120.9 x 133.7 x 21.6m (W x L x H)							
WEIGHT	160 G								

4. System Requirements

- CPU: i5 Dual Core 2.8GHz or higher
- RAM: 4GB or higher
- OS: Microsoft Windows 8.1/10 MacOS (10.13 and above)

5. Installation

- Slot the Partilink PCI-H01HP2 PCIe capture card into the computer PCIe port.
- Plug-in your HDMI source with an HDMI Cable into the HDMI INPUT port of the Partilink PCI-H01HP2 PCIe capture
- Plug-in your display device with a HDMI Cable into HDMI LOOP-OUT port of the Partilink PCI-H01HP2 PCIe capture



6. Capture Operation (Windows with OBS)

(a) After plugging in your device, go to [Windows Settings] and then go under [BT and Other Devices] and make sure Partilink PCI-H01HP2 PCIe Capture is detected



(b) Download OBS Studio <u>https://obsproject.com/</u> (OBS-Studio-25.0.8-Full-Installer-x64. exe)



(c) Open OBS Studio. (version 25.0.8)

6.1 Video Setting

a) Add and select "Video Capture Device", rename the source and click OK

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				(•) LIVE: 00:00:00 • REC: 00:00:00	CPU: 0.9%	, 60.00 fps	

b)Select "Partilink 4K PCIE Capture" as your device



c) Parameter Setting references are displayed as below

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		Resolution	3840x2160	~	
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		Buffering 🕐	Auto-Detect		Start Recording
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					Settings
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- 0		10		IIVE: 00:0	0:00 🔍 REC: 00:00:00 CPU: 16.8%, 30.00 fps

- Resolution/FPS Type: Custom
- Resolution: 3840x2160
- FPS: Match Output FPS (auto select: 30)
- Video Format: NV12
- Audio Device: HDMI (Pengo 4K Grabber)

6.2 Audio Setting

a) Click on the audio setting icon as displayed below

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b) Select "Properties"



c) Under Properties: Select "Partilink 4K PCIe Capture" as your device



d) Under the Audio Setting Icon: Select "Advanced Audio properties"

S OBS 25.0.8 (64-bit, windows) - Profile: Untitled - Scenes: Untitled



Under the Advanced Audio Properties: Adjust your audio source to suggested e) preferences ($\Psi \blacksquare$ Microphone and speaker need to change the setting into Monitor and Output)

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f) OBS Setting completed

Note:

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- Different versions will have different interface slightly.
- Make sure your source does not have HDCP, we do not support HDCP.
- We reserve the right to make any updates without prior notice

7. Package Content

- Partilink PCI-H01HP2 PCIe Capture Card x 1
- User Manual x 1

PARTILINK



sales@partilink.com

PCI-H01HP2 User manual (210511 V.1)

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