



PLINK3

Gamelink RAW 4K USB HDMI Video Capture Device

Live Streaming Record Capture, USB 3.1, GEN1 Video Recording with HDMI Pass-Through





LED Indicator

Red: No operation, power ON only Green: Run signal

Software

For professional live streaming or recording, we suggest use OBS, download link: *https://obsproject.com/*

This product can expose you to a chemical or group of chemicals, which may include **"Nickel Carbonate"** which is known in the state of California to cause cancer, birth defects, or other reproductive harm. For more info, go to https://www.p65warnings.ca.gov/.

Work with OBS

Device Select

After download and installation, run OBS, add a "Video Capture Device":





Click "OK" to Create



Device: Choose "Pyle Game Link PLINK3"

Resolution Setting

Resolution: Choose Custom or Default **Set a resolution you want (if set custom):**

Device	Pyle Game Link PLINK3	
	Deactivate	
	Configure Video	
	Configure Crossbar	
1	Deactivate when not showing	
Resolution/FPS Type	Custon	
Reselution	1920x1080	×
(FPS	3840x2160 2560x1440	
Video Format	1280x720	
Colour Space	Detaurs	0
Colour Range	Default	
Defaults		OK Cancel

Note:

Make sure the resolution set is the same or smaller than the source, otherwise, you may see "**Check Resolutions Settings**" as follows:

Properties for Water	Capture Device	-10	1
	Chock Resolution Settings + § terts (2017)22 kinesering under		8
-	Configure Creasber		
1	Deactivate when not showing		
Recalculion/778 Type			- E
Resolution	394012100		
TPS	Ratch Output FTS Conversion acts 201		- E
Video Format			10
Color Space			
Color Earge			
Indieries O	date-Detect		
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Andlin Output Boda			100
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Audio Device	IDEI (noom Candock Tites)		
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Set to 4k while input is not. Set to lower resolution to match the source.

If you set resolution to 4k (3840*2160), you may find that the viewing picture is way out of the frame of OBS. Right click window and select "**Resize output** (source size)".



After confirmation you can see the whole picture:



Video Format & FPS

Properties for 'Video	Capture Device'	×
· 今 國 2 开始 训练 英雄 补给 **** **** **** **** **** **** ****		
	Configure Crossbar	
	Deactivate when not showing	
Resolution/FPS Type	Custon	
Resolution	1920x1080	
FPS	Match Output FPS	
Video Format	NV12	0
Color Space	Any XRGB	
Color Range	YUY2 YUY2	
Defaults	OK :	Cancel

The video format options depend on resolution, the max FPS depends on both resolution and video format:

	Video Format options	MAX FPS
3840 x 2160	NV12	30
	NV12	120
1920 x 1080	YUY2	60
	XRGB	30
2560 x 1440	NV12	60
	YUY2	50
	NV12	60
1280 x 720	YUY2	60
	XRGB	60

Audio Setting Audio Output Mode: Capture audio only Tick "Use custom audio device" Audio Device: HDMI (Pyle Game Link PLINK3)

Video Format	NV12	
Colour Space	Default	
Colour Range	Default	
$_{ m Buffering}$ (2)	Auto-Detect	
	Flip Vertically	
Audio Output Mode	Capture audio only	
	🗹 Use custom audio device	
Audio Device	HDMI (Pyle Game Link PLINK3)	
Defaulte	or c	Inneal
Dereutes		anoer



Click Settings, then click "Advanced Audio Properties" Audio Monitoring: Monitor Only (mute output) **Sync offset:** - 470ms (this is for audio and video sync; you can adjust it untill your audio video is synched)

9 A	dvanced Audio Properti	es						X
-	Name Video Capture Device 重函的類	Status Artis Artis	Volume 0.0 dB 0.0 dB	00	1 ono	Balance L	Sync Offset Audio Konitoring Tracks -470 ms Remiter Only (aute output) I i 3 -4 ms Remiter Off I I	2 2
24	tive Sources Only							

Recording Record resolution setting:

• Settings			×
General General Curput Curput Output Video Hotkeys X Advanced	Bare (Canves) Resolution Ovput (Scaled) Resolution Downscale Filter Common Filter	-5840+2100 3840+2100 Bicubic (Dampered scaling, 10 sempley) 50	* Arpert Satio 16:9 * Arpert Batio 16:8

You may also want to record a 120HZ video -- Choose Integer FPS, then type 120:

Settings			×
General	Base (Canvas) Resolution		> Aspect Estio 16:9
((**))	Output (Scaled) Resolution		Aspect Estio 16:9
A Stream	Downscale Filter	Bicubic (Sharpened scaling, 16 samples)	
Output	Integer FPS Value	120	0
() Audio			
Video			
Hotkeys			
X Advanced			

Output setting for Recording:

Settings			×
General	Output Mode	Siaple	
((*)) Stream	Streaming		
	Video Bitrate	2500 Kbps	0
Output	Encoder	Barchrare (NVENC)	
Audio	Audio Eitrate		
Video		Enable Advanced Encoder Settings	
Hotkeys	Recording		
	Recording Path	C:\Users\ezcap\Videos	Brown
Advanced		Generate File Name without Space	
	Recording Quality	High Quality, Medium File Size	
	Recording Format		
	Encoder	Software (x264 low CPU usage preset, increases file size)	
	Curton Muxer Settings		
		Enable Replay Buffer	

If you want record a better quality, one of the suggest setting is:

Recording Quality: High Quality, Medium File Size

Recording Format: Mp4

Encoder: Software (x264 low CPU usage preset, increase file size)

After setting, simply click "Start Recording"



During recording click to stop when you want:

	Scene 1	Transitions	8		Controls			R
Fade					Start Stree	ming		
			+-�		Stop Records	ing		
Duration	300 ms	00 ns 🗘 Stu		Studio Ma	de			
					Setting			
					Exit			
		(00) LIVE: 00:	00:00 . REC:	00:00:03	CPU: 0.7%,	120.00	fps	

Streaming

Set video quality for streaming (adjust depends your computer, network speed):

Settings			×
General	Output Mode	Simple	
((A)) Stream	Streaming		
Output	Video Bitrate Encoder	2500 Kbps Hardware (NVENC)	5
Audio	Audio Bitrate	160 Reable Advanced Encoder Settings	
Video		Ensure auvancen Encoder Dettings	

Set the service:

Settings		×
General	Service Custom	
((*)) Stream	Server Twitch YouTube / YouTube Caming	
Output	Strems Key Facebook Live Restreas,io Twitter / Pariscope Show All	
(I) Audio	Upe suthentication	

Click "Start streaming" to start:



Operating system

Windows[®] 10 x64

Laptop

For 4Kp30 or 1080p120 recording:

- Intel Core i7-7700HQ or above
- NVIDIA® GeForce® GTX1050 Ti or above
- 8 GB*

For 1080p60 recording:

- Intel Core i7-4810MQ
- NVIDIA® GeForce® GTX 870M or above
- 8 GB

Desktop

For 4Kp30 or 1080p120 recording:

- Intel[®] Core[™] i5-6XXX / AMD Ryzen[™] 3 XXX or above
- NVIDIA[®] GTX 1060 / AMD RX 5700 or above
- 8 GB*

For 1080p60 recording:

- Intel[®] Core[™] i5-3330 or above (i7-3770 recommended)
- NVIDIA[®] GeForce[®] GTX 650 / AMD Radeon[™] R7 250X or above
- 4 GB
- * RAM must be DDR4 2400 or above

Mac system requirement

Operating system: MacOS High Sierra 10.15 and above Mac Thunderbolt 3 For 4Kp30 or 1080p120 Recording

iMac 2019:

- 3.2GHz 6-core Intel Core i7
- Radeon Pro 555X with 2GB of

GDDR5 memory

• 16GB of 2400MHz DDR4 memory

MacBook Pro 2018:

- 2.6GHz 6-core Intel Core i7
- Radeon Pro 560X with 4GB of GDDR5 memory and above
- 16GB 2400MHz DDR4 memory





Questions? Issues?

We are here to help! Phone: (1) 718-535-1800 Email: support@pyleusa.com