# Tevii D421 PCIE CAPTURE CARD



Please read this Instruction Guide carefully to ensure proper use of this product

## **Important Safety Instructions**

Before using D421 PCIE CARD, please ensure that you read and understand the safety precautions below:

- 1. Do not attempt to open the case of D421 PCIE CARD or modify it in any way, as this will void the warranty.
- 2. Keep D421 PCIE CARD away from water and other liquids, as this may cause the unit to malfunction.
- 3. D421 PCIE CARD may become warm during use. This does not indicate malfunction.
- 4. Do not place heavy objects on D421 PCIE CARD, as this may cause the unit to overheat and malfunction.
- 5. If the exterior of D421 PCIE CARD requires cleaning, wipe it with a soft dry cloth.
- 6. Do not dispose of the unit via conventional domestic waste.

## **Product Connectors**



- (1) Connect the PCIE port form D421 1 to PC PCIE port.
- (2) Connect video source (PS, Xbox, DVD player) to PICE PORT by HDMI: HDMI in 2

## Windows Mode

- 1. Software Installation & Connection
- <1> Install UXPlayer on Windows PC

Please install UXPlayer via software CD



명령 Setup - UXPlayer	_ <b>_</b> X
Select Destination Location Where should UXPlayer be installed?	
Setup will install UXPlayer into the following folder. To continue, dick Next. If you would like to select a different fold	der, click Browse.
C:\Program Files (x86)\UXPlayer	Browse
At least 84.0 MB of free disk space is required.	
	Next > Cancel

Follow the wizard to complete the installation. After installation completed, you can see "Live Streaming Video Device" & "Audio Live Streamer Device" on Device Manger.



Please restart your computer first before using UXPlayer.

#### 2. Windows application UXPlayer online registration

Please register UXPlayer online before using it or you can only record up to 10 minutes. Run UXPlayer. Click on screen upright corner to open the "About" window. Then click on the "Register" button to open the "Register" window.



	Regist	ter (AF54C63C)	
$( \bigcirc )$	UXP	Make sure your cor Internet. Then ent name and Email. Th 'DA0XXX -XXXXXX - -XXXXXX'. Then click registration.	mputer is connected to the er your registration code, ne code is in the form of XXXXXX -XXXXXX 'OK' to finish the
	Email:		
UXPlayer Registration Code AB0000-316786-xxxx-OCxxx	Name:		
	Code:		
		12.22	
		ОК	Cancel

Fill in your Email address, Name and Code (The Code can be found on the CD as above) Then click on "OK" to finish the registration.

#### 3. Video Broadcast Share

Video Broadcast Share	×
UXPlayer	
Video Broadcast Share	
Start Server	
Video Broadcast Share is an http web server. It can help you to play back captured videos on the smart phone or other PCs. Please click to "Start Server" button to start the server.	he

Click on to start sharing video with other devices connceted to same LAN. Use the QR code scanner to scan the QR code or open the browser to visit the IP address show on the pop-up window. <u>http://192.168.X.XXX:8080/preview</u>



With browser, you are able to playback recorded file: videos or pictures



**Recently View:** 

To view live video, you need to download & install free App VLC player



Select Network Stream & input <u>Http://192.168.XX.XX:8080/preview</u>, you will see live videos on your mobile phone.

## Live Streaming via XSplit

Download & open XSplit on your PC→ add → webcam, capture card → video
 → Live Streaming Video Device → Settings → Audio input select
 Microphone (Audio Live Streamer)

Scene Scene 1		🔮 🛄	Iİ ┥ 🌣	Transition	Fade: 70	)Oms	• 🗲 •
				Scene	1	Scene 2	Scene 3
				Scene	4	+	
Screen capt	ure	•	• •				
FPS: 30 Devices (we	bcam, capture cards)	• Video	► GXI	Player Box		5%/-M	Hz .:
Text		Audio	Live	e Streaming Vio	deo Device		
Webpage							
	1				NAME AND ADDRESS	-	
Scene Scene 1			▫∎║║ ◀ ♀	Transition	Fade: 70	)0ms	
Live Streaming Video De	vice			Scene	1	Scene 2	Scene 3
				Scene	4	+	
Add - Copy Paste Re	move Rename Setting	5	A 7				
FPS: 30 / 30 CPU (6420	0): 29%/15%/1.7GHz	GPU (ATI HD 26	00 XT (Microsoft	Corporation W	(DDM 1.1))	); 6%/5%/-M	Hz:
Live Streaming Vide	o Device		Stick	y X			
Cam Color	Layout Effe	ects					
Playback 2			G Refre	esh			
				_			
Ⅱ �		Delay (ms	) 0 💠				
Audio Input	Microphone (Audio	Live Streamer	r se				
Audio Output	System Sound		355				
Offset (ms)	) 💠 (Audio	video synchro	nization)				
Camera Source							
Live Streaming Vi	deo Device		3	-			

2. Outputs  $\rightarrow$  set up a new output--> (for example) Twitch



3. Enter ID, Password to Log In (please apply a new account for Twitch beforehand)

🕅 XSplit Broadcaster 📃 🗖 🗙							
File Sources Outputs Extensions Tools ⊠ Help	960 x 540 @ 30.00 fps, 93% 🔻						
M Channel Setup Wizard	XSplit Broadcaster						
This wizard will help you setup your Twitch channel.  Please enter your Twitch credentials.	רבינהיינ						
Account: Click Authorize to link your Twitch account Authorize							
	Log In Sign Up						
	Username						
	Password						
	Trouble logging in?						
Skip wizard Back Next	I'm not a robot						
Scene Scene 1	Log In						

M Twitch P	Properties	×	ς.							
	Channel Credentials: O Web Authentication (Recommended) O Stream Key ?									
	Account: tevii123									
	Server: Automatic	Test bandwidth								
	Confirm ingest server before broadcasting	g								
	Video Encoding									
	Codec x264 * Bitrate (	kbps) 525 🔄 Mode CBR 💌								
	Strict / Adaptive CBR Keyframes Preset VBV Buffer ON / OFF (secs) 2 veryfast (kbit) 525	Video FPS Video Size Extra Param of default default no data								
	Audio Encoding	Audio Encoding								
	Codec AAC LC * Btrate (kbps)	96 · Formati mono ·								
	Network Connection 3									
	Adapter Let the system decide *									
	Note: Some encoding settings may be disabled for compatil	bilty with Twitch.								
	Automatically save recording on local drive	v. 2.9.1701.2601								
	🔲 Enable Stream Delay 🕛 🕂 seconds									
	No Twitch account? Sign up here.									
	Remove this output	Setup wizard OK Cancel								

🕪 Channel Setu	up Wizard	x						
	Attempting to stream to Asia: Taipei, Taiwan (?)							
	Skip wizard Back Finish							

4. After set up completed <sup>,</sup> Click Outputs →Twitch- tevii123 to start streaming



# Live Streaming via OBS

Download & install the latest version of OBS and open it  $\rightarrow$  Select "Settings"

60	BS 17.0.0	0 (wind	ows) - Pro	ofile: Untitled - Scer	ies: Untit	led					
File	Edit	View	Profile	Scene Collection	Tools	Help					
Scen	es			Sources		Mixer 🏠			Scene Transitions		
Sce	ne					Desktop Audio	0.0 dB	*	Fade		Start Streaming
						Mic/Aux	0.0 dB		Duration 300ms	*	Start Recording
						7	. •) 🌣		a a street a southa		Settings
+	- /	$\sim$		+-•	~~			+			Exit
									00:00:00	CPU: 4.7%,	30.00 fps

1. Select "Stream"  $\rightarrow$  "Service" (website)  $\rightarrow$  Streamer Key  $\rightarrow$  OK

General		Stream Type Streaming Services
Stream	A	B Service Twitch
Output	12	Server US West: San Francisco, CA
Audio		C Stream key Show

2. How to find your Stream Key (taking Twitch as example)

Open Twitch  $\rightarrow$  Select Dashboard (A)  $\rightarrow$  Settings (B)  $\rightarrow$  Show Key (C)



3. Sources  $\rightarrow$  Add  $\rightarrow$  Selecct Video Capture Device  $\rightarrow$  Device  $\rightarrow$ 

Select Live Streaming Video Device



Device	Live Streaming Video Device	•
	Deactivate	
	Configure Video	
	Configure Crossbar	
	🔲 Deactivate when not showing	
Resolution/FPS Type	Device Default	•

#### 4. Audio Output Mode $\rightarrow$ Output desktop audio (DirectSound) $\rightarrow$ OK

YUV Color Space	Default
YUV Color Range	Partial
Buffering	Auto-Detect
	Flip Vertically
Audio Output Mode	Output desktop audio (DirectSound)
	🗹 Use custom audio device
Audio Device	麥克風 (3- Audio Live Streamer Dev 🔹
Defaults	OK Cancel

### 5. Press" Start Streaming "

S OBS 17.0.0 (64bit, windo	ows) - Profile: Untitled - Scenes: U	Intitled	1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -		
File Edit View Profil	e Scene Collection Tools H	lelp			
	CETV 4				
Scenes	Sources	Mixer 💠	Scene	: Transitions	
Scene	• Video Capture Device	Video Capture Device	-18.1 dB 🔺 Cut	•	Start Streaming
			<ul> <li>Image: A (Image: A (Ima</li></ul>	+ - 🌣 [	Start Recording
		Mic/Aux	-21.4 dB 🗏	[	Studio Mode
		· · · ·	<ul> <li>Image: A transmission of the second se</li></ul>	• (	Settings
$+ - \land \lor$	$+- \diamond \land \checkmark$	Desktop Audio	-21.4 dB +	(	Exit
			0	0:00:00 CPU: 9	.6%, 30.00 fps

#### Record/Capture to PC

1. After all devices are connected properly, run UXPlayer on your PC.



to capture a screenshot





to view the recorded video files.

You can click



to play back selected recorded video.



#### Set up & Schedule Recording

🚫 Setup					
Preview	Capt	ure	Picture		VBS
	Codec:	Auto	_	•	
F	rame rate:	25 fps		-	
Video I	Resolution:	1920x1080		-	
Vid	leo Bitrate:	10Mbps	_	-	
Vide	eo Render:	Video Mix Ren	der9	-	
A	spect-rate:	Keep aspect-ra	ate	-	
	Language:	English		•	
	<u>o</u> k		<u>C</u> ance	el	

Preview	Capture	Picture	VBS
Hotkey for Recor	ding: <mark>F9</mark>	•	
MP4 Fo	mat: MP4 (H264, A	IAC) 🔻	
Files Saved To Fo	older: C:\Users\Tes	st_A\Videos	-
Set up max recording	Muto gene imum 0 houri time: (Select "0" for	rate file name when record (s) 0 minute(s) unlimited recording time)	ing.
	Schedule	Recording	





Preview	Capture	Picture	VBS
Video I you to	Broadcast Share (VBS) is play back captured vide	s an http web server. It can eos on the smart phone or P	help C web
brows	er.	ole Video Broadcast Share	
	Port: 8080 Address: http://1	92.168.1.236:8080/	
Tips: "http: video	You can also use VLC to //192.168.1.236:8080/p stream.	open preview" and preview the de	vice
	<u>о</u> к	<u>C</u> ancel	i -

Setup parameters:

Codec: Auto, MJPG, YUY2

Frame rate: 25fps, 30fps, 50fps, 60pfs

Video Resolution: 1920x1080; 1280x720; 720x480; 1440x900; 1400x900; 360x768; 1280x1024; 1280x960; 1024x768; 800x600

Video Bitrate: 18Mbps, 15Mbps, 12Mbps, 10Mbps, 8Mbps, 6Mbps are available. Video Render: Define the video render. Video Mix Render9 and Internal YUV Render are available.

Aspect-rate: Keep Aspect-rate, None

Language: Set the language to be displayed on the screen. English, Japanese, Simplified Chinese and Traditional Chinese are available.

Hotkey for Recording: Set the hotkey for starting and stopping recording videos (F1-F11) MP4 Format: MP4 (H264, AAC), MP4(H264, AC3), MP4(H264, MP3), MPEGTS(H264, AAC) Files Saved To Folder: Displays the saving path of recorded videos. You can change the saving path by clicking on the folder button.

Set up maximum recording time: Set the maximum recording time. D320 will stop recording when the time reaches the maximum recording time.

Capture picture format: BMP, PNG, JPG

VBS: Address for Video Broadcast Share at Http://192.138.1.236:8080/

#### Features

Video input resolution supports: 640x480, 720x480, 720x576, 800x600, 1024x768, 1280x720, 1280x1024, 600x1200, 1920x1080, 4K2K 30HZ. Capture resolution up to 1080p 60FPS Capture format: MJPEG, YUY2 Sampling rate: 48kHz PCM

## Support 3<sup>rd</sup> part application software

OBS (Windows, Mac), XSplit (Windows), Wirecast (Windows, Mac) Adobe Flash Media Live Encoder (Windows), DirectShow (Windows) DirectSound (Windows), QuickTime Player (Mac), VLC (Mac), Safari (Mac) Firefox (Mac), Chrome (Mac), Skype (Mac)

#### **Computer system requirement:**

Windows 10 / Windows 8.1 / Windows 7 (x86, x64) OS X (10.10 or above) Linux Ubuntu 14.04 Desktop: Intel® Core™ i5-4440 3.10 GHz + NVIDIA GeForce GTX 660 or above Laptop: Intel Core i7-4810MQ + NVIDIA GeForce GTX 870M or above 4 GB RAM (8 GB recommended)

#### Contact

If you encounter problems about using and upgrading hardware and software, Please contact our support team: <a href="mailto:sales@tevii.com">sales@tevii.com</a> Please download the software UXPlayer <a href="http://www.tevii.com/Support.asp">http://www.tevii.com/Support.asp</a>