

# CDPS-P311R

## HDMI/VGA Live Video Streamer with Recording

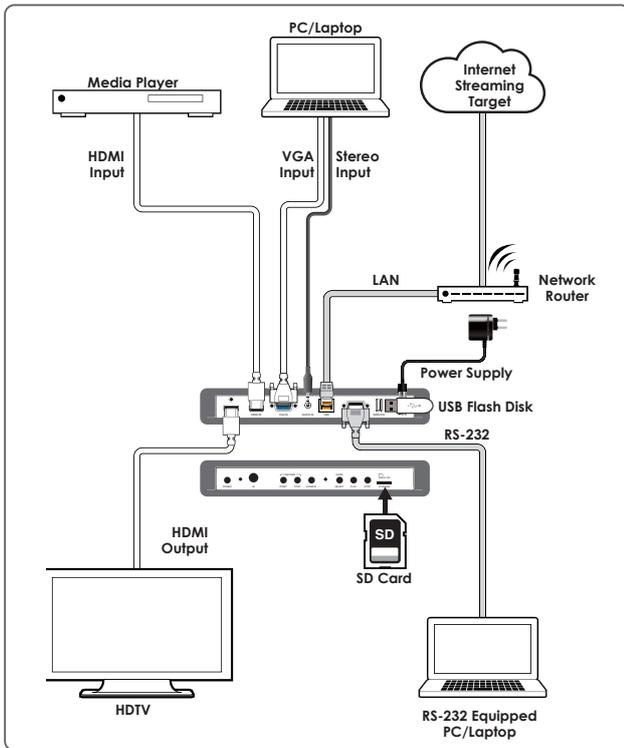


CDPS-P311R makes online broadcasting of live video, with a locally stored archive, an easy and simple process. Video content up to 4K UHD+ is supported and is automatically scaled to a resolution that is more appropriate for efficient streaming. An HDMI output is provided for local monitoring of the selected input source. The video may also be recorded locally (via SD card) or to a local network drive. An audio mixer function is included, allowing an external audio source to be mixed with the embedded audio of your HDMI source (LPCM 2.0 only) for your video stream. Comprehensive EDID management, intuitive WebGUI, and adjustable Audio functions make this unit a wonderful tool for video streaming and recording.

### PANELS



### DIAGRAM



### FEATURES

- HDCP 1.x and HDCP 2.2 compliant  
Note: HDCP encrypted sources cannot be streamed over the Internet and will be blacked out
- Advanced H.264 video streaming and recording is provided at QVGA (320×240), VGA (640×480), 720p, or 1080p at up to 60fps
- Recorded video can be stored on the locally inserted SD card, USB storage, or to a designated network drive supporting file system FAT32, EXFAT, NFS, and CIFS
- Can act as a streaming server (using RTP/RTSP protocols) or streaming client (using the RTMP protocol)

- Audio embedding and mixing support with the analog stereo audio input  
Note: Analog audio can only be mixed with LPCM 2.0 audio from the HDMI source.
- Integrated support for live streaming to Facebook, YouTube or Twitch channels
- On screen countdown timer and text overlays are supported  
Automatic input switching and downscaling function converting UHD video content (up to 4K@60Hz) down to 1080p or lower for live video broadcast
- Generates 4 simultaneous streams from the same video source (1080p@60fps, 1080p@30fps, VGA@30fps, QVGA@30fps) for easy system integration at multiple bandwidth targets
- Control via front panel buttons, WebGUI, Telnet, RS-232, and IR

### SPECIFICATIONS

#### Interfaces

<b>Input Port</b>	1 HDMI (Type-A) 1 VGA (HD-15) 1 Unbalanced Stereo (3.5mm)
<b>Output Port</b>	1 HDMI (Type-A)
<b>Pass-through Port</b>	1 LAN (RJ-45) 1 RS-232 (DE-9) 1 MicroSD slot
<b>Service Port</b>	1 USB (Type-A)

#### Video

<b>HDMI Compliance</b>	2.0
<b>HDCP Compliance</b>	2.2
<b>Input Signal Type</b>	4K@60 8bit YUV 4:4:4
<b>Output Signal Type</b>	4K@60 8bit YUV 4:4:4

#### Resolutions

<b>Maximum Input</b>	HDMI	4096×2160p@60 2560×1600p@60RB
	VGA	1920×1200p@60RB
<b>Maximum Output</b>	HDMI	4096×2160p@60 2560×1600p@60RB
	H.264 Stream	1080p@60

#### Audio

<b>HDMI</b>	Unbalanced Stereo, 2CH LPCM
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#### Power

<b>Power Supply</b>	5V/2.6A
<b>Power Consumption</b>	9.57W (Full load)

#### Enclosure

<b>Chassis Material</b>	Metal (Steel)
<b>Chassis Color</b>	Black
<b>Dimensions (W×H×D)</b>	231.5mm×25mm×108mm [Case Only] 231.5mm×25mm×117mm [All Inclusive]
<b>Weight</b>	668g

#### Field Firmware Update

USB Flash Drive, WebGUI

### ORDERING INFORMATION

<b>Model No.</b>	Product Description
<b>CDPS-P311R</b>	HDMI/VGA to HDMI Live Video Streamer with Recording