

# H.265 4K Video Decoder with LED

## — HP931D

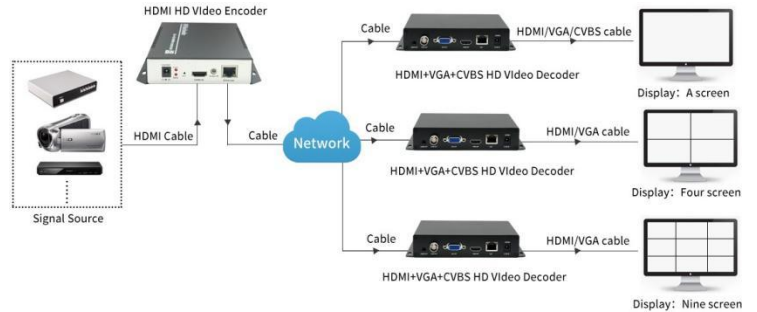
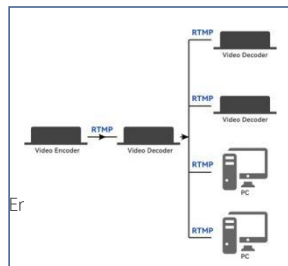
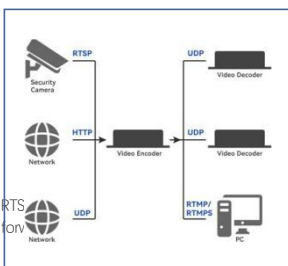
HP931D decoder is a professional 4K H.265 (HEVC) hardware decoder that brings multiple video streams to HDMI/CVBS/VGA. Without relying on a computer, it decodes any IP streams including HTTP/SRT/RTSP/RTMP/UDP/RTP/UTP, etc, and outputs the video to the display wall in up to 9 grids or free layout, and dynamic switching is supported.

HP931D has high integration and low costs. It can be widely used in various HD video systems. It supports POE power supply, OLED real-time display to ensure uninterrupted video streaming. And also supports an RTMP server for direct connection with encoders.



## Products Features

- Support H.265 and H.264 decoding
- Support 1X HDMI, 1X VGA, 1X CVBS and 1X audio output
- Support embedded RTMP server, maximum support 1Gbps concurrency
- Support HTTP/HTTPS/RTSP/RTMP/SRT/UDP/RTP protocol
- Support 9channels RTSP/HTTP/UDP/HTTPS/SRT/RTMP forward to RTMP/RTMPS/UDP/RTP
- LCD display device name, IP address, resolution and working status
- Support up to 4K (3840×2160@60hz/30hz) resolution output
- Support to set the cache
- Support 1ch, 4ch, 9ch decoding simultaneously
- Support boot screen customization
- MJPEG/JPEG Baseline decoder
- MPEG1 Audio Layer 2
- 1000M network interface uses full duplex mode
- Support POE power supply(optional)
- Support SDK, secondary development



### ⚠ Note:

1. The HDMI,VGA,CVBS of the decoder doesn't support simultaneous output;
2. When the input stream resolution is 4K, only 1 channel decoding streaming is supported, and the output resolution supports up to 4K@30hz.
3. When the input stream resolution is 1080P, 4 channels decoding output streaming can be supported.
4. When the input stream resolution is 720P, 9 channels decoding output can be supported.
5. CVBS interface only supports 1 channel decoding output and doesn't support 4 channels and 9 channels decoding output

## Specifications

HP931D	
Video	HP931D: 1X HDMI, 1X VGA, 1X CVBS, 1X Audio HP921D: 1X HDMI, 1X VGA, 1X Audio
Output Resolution	3840*2160@30hz, 1080P60,50,30,25; 1080i60,1080i30 720P60,50; 576P50,480P60, 1280*1024P60,1280*800P60,1027*768P60, 800*600P60 and so on.Please contact us for other resolutions.
Decoding	H.265/H.264
Output	1 channel 4K decoding, 4 channels 1080P decoding, 9 channels 720P decoding
<b>Audio</b>	
Decoding format	AAC MP3
Stereo	Adjustable sound volume
<b>System</b>	
Device name, IP address, resolution and working status	
1000M internet access	
HTTP, HTTPS, RTSP, RTMP, SRT, UDP/RTP, SRT...	
WEB operation interface	
Software upgrading through the internet	
<b>General Parameters</b>	
Dimension	6.4*4.4*1.3in(163*111*32mm)
Weight	0.35kg
Temperature	0~45°C (work), -20~80°C (storage)
Power Supply	12V/DC 1A
Power Dissipation	<5W