D260 HD Video Decoder

Cost-effective video decoding device

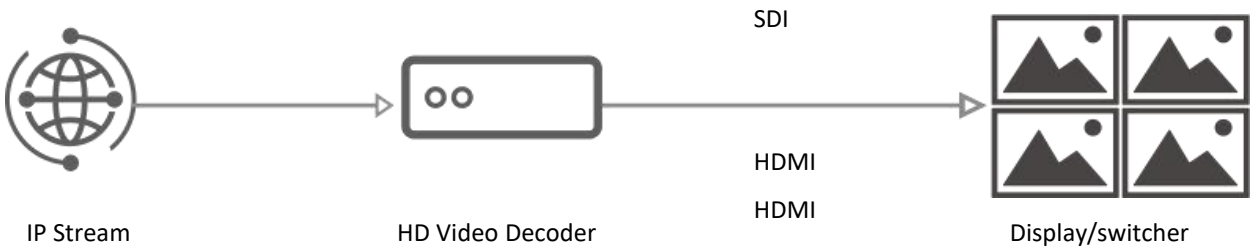
Descriptions

D260 HD video decoder is a professional hardware decoding device, which can independently decode IP streams to various formats (including NDI|HX2.0,NDI|HX3.0, SRT, RTSP, RTMP, RTMPS, RTP unicast or multicast media streams, etc.) without relying on computer, and output with 2xHDMI and 1xSDI signals. It also supports 4 streams decoding simultaneously, split to screen, dynamic switching.

•Support NDI|HX, SRT	• Support SDK/API	•2xHDMI and 1xSDI output
•Support 1080P60	• Analog audio independently output	•Adjustable output resolution
•Image and text overlay	•4CH streams decoding simultaneous	

Applications

4CH streams decoding simultaneously and split output, streams to the screen/ to switcher, SRT video point-to -point transmission (receiving end), program shooting and monitoring (receiving end), monitor to the screen, audio and video projects, conference projects, etc.



Advantages

Strong decoding function, support 4 streams decoding simultaneously, split display, dynamic switching

●Decode H.264/H.265 encoded video and AAC/MPEG-4/MPEG-2/G.711/Opus/LPCM encoded audio at a bit rate of 40Mbps supported;

●Support 4CH streams decoding simultaneously, and select 1/2/3/4 split screen output;

●Support NDI|HX2.0/NDI|HX3.0/SRT/ RTMP/ HLS/TS over UDP/RTSP etc. Protocols;

●Decoding latency for NDI|HX <150ms, and for other protocols can be adjustable (about 100~200ms).

SDI+2xHDMI interface output，support image and text overlay

●With 2xHDMI and 1xSDI output same or different content simultaneously;

●Supports up to 1080p60 HD video output, the output resolution is adjustable and compatible with HD-SDI (SMPTE 292M)/SD-SDI (SMPTE 259M)；

●Support SDI and HDMI embedded audio output, or 3.5mm analog audio independent output;

●The output of the encoder can superimpose logo, picture, etc;

●Multiple video sources can be added simultaneously in the backstage for fast switching output.

Portable size, low power consumption, multifunctional, 24h continuous operation available

●Small size, easy to carry and deploy;

●Power consumption is 7w max, makes 24h continuous operation available;

●Support automatic reconnection mechanism when power and network are off;

●Equipped with 1000M network port, and the network can be configured simultaneously with 3 IP addresses, which is convenient for business and management;

Parameters

Model	D260
Input	2 x 1000M RJ45 Ethernet port
USB interface	1 x USB Type-A，1 x USB Type-C
Video output	2xHDMI，up to 1920×1080@60Hz (1080p60), 1xSD/HD/3G-SDI，up to 1920×1080@60Hz (1080p60)
LCD screen	0.96 " OLED display
Audio output	SDI/HDMI embedded or built-in Line out analog audio
Media transmission protocols	NDI|HX2.0, NDI|HX3.0, SRT, RTMP, RTMPS, HLS, TS over UDP, RTP and RTSP
Video decoding	H.264/H.265
Audio decoding	AAC/MPEG-4/MPEG-2/G.711/Opus/LPCM and other software expansion
Decoding delay	NDI|HX：<150ms; SRT, RTMP, RTMPS, HLS, TS over UDP, RTP, RTSP: 100~200ms(adjustable)
Decoding ability	Up to 4 channels decoding simultaneous (1080p60fps H.264(AVC)/H.265(HEVC)
Management	Web page/ Kiloview KiloLink Server
Power supply/Consumption	12V, 1A/7w (MAX)
Dimensions/Weight	162.85x104.00x25.00mm/328.18g
Operation temperature	-20 ~60°C

Important Notes:

①D260 with NDI | HX3.0 decoding ability is open to users as a trial function, but whether D260 finally participates in or passes the NDI|HX3 standard certification, enjoys the exclusive logo of NDI|HX3, Kiloview reserves the right to final interpretation.

②The video decoding delay depends on many external factors such as the video encoding source capability, frame rate, the stability of network transmission and the transmission protocol itself. Due to these factors, the current test value is just for reference. Please consider your actual environments.