

DC220 HD Video Decoder

Cost-effective decoding device



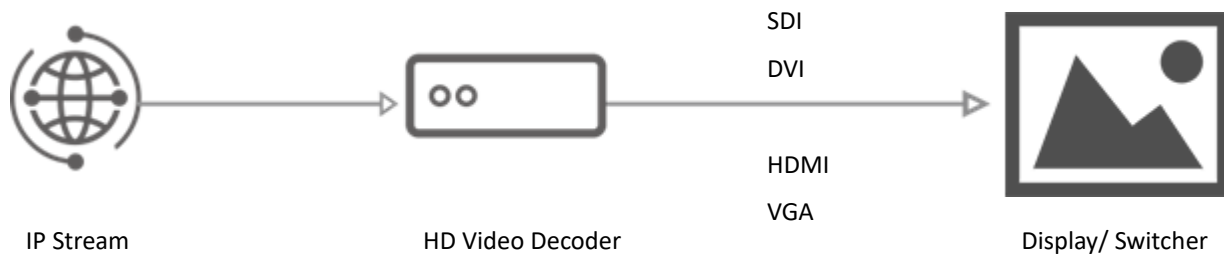
Descriptions

DC220 is a professional hardware decoding device, which can independently decode IP video streams in various formats (like SRT, RTSP, RTMP, RTP unicast or multicast media streams, etc.) without relying on a computer, and output with SDI and DVI-I signal (compatible with HDMI/VGA signals).

- Support SRT
- Analog audio output
- Image and text overlay
- SDI+DVI dual output
- Cost-effective
- Adjustable output resolution
- Up to 1080P60
- Provided SDK/API

Applications

IP stream to the screen/switcher, SRT video point to point transmission (receiving end), program shooting monitoring (receiving end), monitor to the screen, audio and video projects, conference projects, etc.



Advantages

Strong decoding ability (support SRT), strong error-resistance, low latency

- Decoding of H.264 encoded video and AAC/G.711 encoded audio at bitrate of 40Mbps supported;
- It supports SRT/RTMP/HLS over UDP/RTSP etc. Protocol;
- With Kiloview unique image enhancement and fault-tolerant technology, it has powerful error resistance for video encoded at low bit rate with up to 10% packet loss, excellent image output can be obtained;
- Decoding latency can be less than 200ms under a typical network environment with Kiloview intelligent latency control technology.

SDI+DVI dual output, support image and text overlay, video stream dynamic switching etc.

- SDI+DVI dual interface that can output same content simultaneously. DVI is compatible with HDMI and VGA signals;
- Outputs of SDI/DVI can be up to 1080P60, and the resolution can be adjustable;
- Support SDI and HDMI embedded audio output, or 3.5mm analog audio independent output;
- The output of decoder can be superimposed with logo, pictures, etc.;
- Multiple video sources can be added simultaneously in the backstage for fast switching output.

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

- Size is 138*105*27mm, very portable;
- Power consumption is 5w, makes 24h continuous operation available;
- It supports automatic reconnection mechanism when power and network are off;
- It is equipped with 1000M network port, and the network can be configured simultaneously with 3 IP address, which is convenient for business and management.

Parameters

Model	DC220
Input	1*100M/1000M RJ-45 Ethernet
USB port	1*USB 2.0 Type-A
Video output	1*SDI, compatible SD-SDI(270M), HD-SDI(1.485G), 3G-SDI(2.97G); 1*DVI-I, compatible HDMI1.4/DVI 1.0/VGA
Output formats	SDI/HDMI: Up to 1080P60Hz; VGA: Up to UXGA, SDI: 1080P60/50/30/25/24, 1080i60/50, 720P60/50, 576i50, 480i60; HDMI/DVI: 1080p60/50,1080p24/25/30,1080i60/50,720p60/50, VESA standard formats; VGA: 1080p, 720p, UXGA (1600x1200), SXGA (1280x1024), XGA (1024x768), SVGA (800x600), VGA (640x480) and other VESA formats; Note: DC220 doesn't support SDI 1080p 59.94/29.97/23.98, 1080i 59.94, 720p59.94, DC230 supports.
Audio output	SDI/HDMI embedded, 3.5mm output
Media protocol	SRT/RTMP/HLS/TS over UDP/RTSP protocol etc.
Video decoding	H.264
Audio decoding	AAC/G.711
Decoding delay	<200ms (Adjustable)
Decoding ability	Support single channel video decoding
Management	Web operation
Power supply/ Consumption	12V, 1A/5w
Dimension	138*105*27mm (5.43*4.13*1.06")
Weight	380g (13.4oz)
Operation temperature	-20~60°C