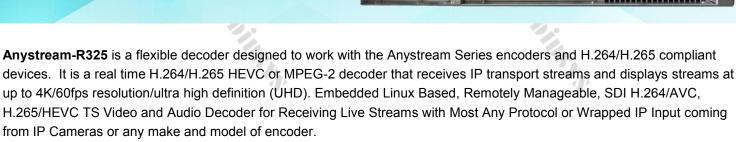
Anystream-R325 6G-SDI/12G-SDI 4K HEVC H.264 IPTV Decoder



Anystream-R325 is a state-of-the-art hardware IP block developed to enable end products with the next generation HEVC (High Efficiency Video Coding) standards. It supports HTTP Live (HLS), UDP, SRT, RTP, RTSP, HTTP, RTMP Multicast, Unicast IP streaming in both dedicated and shared networks and Converts the H.264/H.265 HEVC MPEG-2 Compressed Digital Video and Audio into Professional Digital SDI Output.

Ideal Decoder for Receiving and Professional Decoding of "Poor" Video from IP Cameras, Remote Sites, Content Delivery Networks (CDNs), or IPTV Compatible Appliances or Players. Uses Proprietary Algorithms to Decode Video from Bursty IP Cameras via our "IP CAM Smoother". It allows rendering of high quality video content to deliver high performance digital user experience, and is suitable for applications such as Video on Demand, converged communication, gaming consoles and proliferating smart CE devices.

Features

- Supports real time 4K@60fps,4K@30fps, 1080P,1080I, 720P,576I@50fps,480P@60fps decoding
- Supports both Ultra HD/4K, HD and SD H.264/MPEG-4 AVC, H.265/HEVC or MPEG-2 decoding
- Input: Bursty or smooth IP (H.264, MPEG-2, H.265)
- Output: version I: 1*12G 2*6G, 4*3G SDI; version II: HD-MI (2.0)/6G-SDI
- Security scanned for vulnerabilities
- IP Input protocols: RTMP, HTTP Live Streaming and HLS encrypted function, Pull/Push HTTP/RTSP,HTTPS, RTMP, UDP, SDP, SRT protocol
- Picture-in-picture (PIP) operation supported
- DVB subtitles can be included in transcoded streams (burnedin), offers subtitles with 100% compatibility with all existing devices
- Support 4:2:2 input
- Audio Output: AAC, AACV2, AMR, AC3, EAC3, MP2A, MP3A

- Audio Output: Embedded pass-through
- Remote GUI includes some scheduling
- Can be used to store or time-delay incoming stream with optional storage add-on
- Compatible with external MPEG-DASH packager for OTT delivery (option)
- The preview interface adds color control adjustment (CCATM) function (video output brightness, contrast, saturation, aberration).
- TS parameter configuration: The output stream can be edited to change the program number, program name, supplier (for video output part), easy to identify end device.
- Supports logo insertion and text overlay on outputs
- Designed for 24*7*365 uninterrupted working
- Dual hot-swappable power supply optional
- Web management

Dibsys Technologies

TECHNICAL SPECIFICATIONS

Input IP Input protocols

Audio Input Type Min. Resolution: Bit rate mode: H.265/HEVC/Mpeg-2/H.264/H.263/ MPEG4 SP/MPEG4, ASP; MPEG-1 Layer II, AAC, AC3, AMR, WMA , MP3 TS Over UDP/RTP/HTTP/HTTPS 3GP Over RTP FLV Over HTTP/RTMP HTTP Live streaming Apple HLS (m3u8) AAC, MPEG-1 Layer II, AC3, optional MP3 IP-multicast, IP-unicast 64x64 VBR, CBR, ABR, NearCBR SPTS (IP streaming) MPEG TS Unicast and Multicast TS/RTP/UDP streaming Adobe Flash / RTMP HTTP Live streaming/HLS encrypted Microsoft Smooth streaming Unicast and multicast/SRT HTTPS

Output

1

12G-SDI Single 4K@60fps version

 Uncompressed

 digital audio/video:
 HD-SDI

 Resolution
 2160P@ 60, 2160P@ 30, 1080P, 1080I, 720P, 576I, 480I

 Decoding level
 level 1, level 2, level 3, level 4, level 4.1, level 5.1

 More Settings
 Field mode, GOP Align, Video Delay, Enhance Delay

 TS
 PIDs (PMT/Video/Audio), PCR delay (ms), disp interval

6G-SDI Single 4K@30fps version

Uncompressed digital audio/video: Resolution Decoding level

More Settings

version
1*HD-MI output, or HD-SDI
2160P@ 30, 1080P, 1080I, 720P, 576I, 480I
level 1, level 2, level 3, level 4, level 4.1, level 5.1

Field mode, GOP Align, Video Delay,



Video decoding

Picture aspect ratio decoding Format

Bit Depth Video Bitrate Frame Rates

Number of channels:

Pre-processing Image setting

Subtitle Overlay PID Configuration

GOP

Audio encoding

Bitrate Encoding Format

sampling rate

Environment

Power Supply Power Consumption Dimensions Net weight Enhance Delay PIDs (PMT/Video/Audio), PCR delay (ms), disp interval

Smart de-interlacing Picture resizing Logo/graphics overlays Crawling text 4:3, 16:9, 1:1, automatic mode H.265/HEVC Main and Main-10 H.264/AVC BL/MP/HP up to level 5.2 8/10-bit 100k~30Mbps Adjust 5-60fps Automatic detection of Scene Switching GOP adjustable 1*12G, 2*6G, 4*3G (3840x2160p UHD 4K@HEVC)

Video adjustments (Brightness, contrast, Saturation, Hue) Static or roll subtitle, up to 3 way (optional) Depending on the configuration, it forwards selected programs via IP datacasting; PAT, PMT, video PID,audio PID(s) and PCR information are transmitted. GOP adjustable, B frame adjustable

8kbps~448kbps LC-AAC, HE-AAC and HE-AAC v2; MPEG-1 Layer, AC3, MP3 EAC3 8KHZ~48KHZ Adjustable

AC100 ~ 240V 500W 437mm (W) x 754mm (L) x 43mm (H) 12kg





