



IP VIDEO DECODER

HDD-275

4K Decoder & IPTV Receiver with HDMI/SDI/VGA/CVBS-Out

- 4K/UHD
- H.265/HEVC
- H.264/AVC
- MPEG-2
- HDMI
- HD-SDI
- IP / Ethernet
- SRT

Model designation as per manufacturer reference

Overview

The VIZOBOX HDD-275 is an IP video decoder and receiver that turns IP streams back into HDMI, SDI, VGA and CVBS outputs in excellent quality over LAN and WAN.

Key Features & Applications

- ✓ 4K Decoder & IPTV Receiver with HDMI/SDI/VGA/CVBS-Out
- ✓ Inputs: 1x UHD/HD/SD in h.264 or h.265 compatible streams
- ✓ Outputs HDMI, CVBS, VGA and HD-SDI in parallel IPTV Decoder is designed for TV
- ✓ external Audio Output (3.5mm Stereo)
- ✓ IP Input: RTSP/RTP/UDP, UDP/RTP, HTTP, adaptive HLS, FLV, compatible compression
- ✓ MPTS Input with Program selection for decoding and low bit rates for IPTV
- ✓ source content over LAN or WAN
- ✓ Video-over IP applications (Signal distribution) resolution range.
- ✓ Video conferencing, Camera streaming Reception of SD, HD and UHD
- ✓ Monitoring up to 4 streams on one TV picture (4xMosaic) of-art IP technology from almost
- ✓ h.265 and h.264 compatible Decoder & IP Receiver
- ✓ like from our Encoders (actually no MPEG2 support)
- ✓ Stereo Audio embedded decoding of AAC and MP1L2, signal reception in excellent
- ✓ UHD Resolution 2160p30, 1080p, 720p.... no interlaced
- ✓ RTMP(s), SRT
- ✓ Reception of Video Camera UHD/HD streams and other system reception. The high
- ✓ Inserting of Text, Logos and scrolling Text as Overlays bandwidth cost through all its
- ✓ Digital Signage applications
- ✓ IPTV on LAN applications, Corporate IPTV for Broadcasters
- ✓ Remote management by an inbuilt Webserver-Interface any kind of video input.

Technical Specifications

Function	h.265 (HEVC compatible) and h.264 (MPEG4 compatible) Decoder and 4 pic Mosaic-viewer
SYSTEM	Embedded HiLinux System, stable and effective, 7 x 24h RJ45 GbEthernet up to 4 Streams (Mosaic),
INPUT	
<i>management by web browser, firmware upgrade by Web-IF Unicast: HTTP / adaptive HLS / FLV / RTSP/UDP / RTMP(s) / SRT: push & passphrase Protocol Multicast: UDP/RTP</i>	
Data Rates	100 kbps – 32 Mbps per stream
Resolution max:	2160p30, 1080p60, 720p and below h.265 (HEVC) or h.264 (AVC) in max. 4K@30fps Video Decoder CBR or VBR baseline /main /high profile
Audio Decoder	STEREO AAC/AAC+/AAC++/MP3/MP2/AC3 G711
Audio sample rates	8000/11250/22500/44100/48000Hz
OSD	4 Logo (bmp's with or w/o transparent colour) and Text Insertion as transparent overlays
Picture adjust	Brightness, Hue, Saturation, Contrast, Picture Crop, Rotating 0,90,180,270°
Profiles	H.264/AVC High/Main/Baseline Profile H.265/HEVC main profile MJPEG/JPEG baseline

Audio output	HDMI /HD-SDI embedded Audio (additional 2.5mm Stereo jack out) 3840*2160P@30/1440P@30/1080P@60/1080I@60/1080P@50/1080I@50 HDMI-max out format 1080P30/1080P25/720P60/720P50/576P50/480P60 fps
CVBS Output	PAL 720x576 & NTSC 720x480
HD-SDI	maximum output format = 1080p@60fps 1080P@60/1080I@60/1080P@50/1080I@50 HD-SDI & VGA-Out 1080P30/1080P25/720P60/720P50/576P50/480P60 fps Maximum decoding 1 Picture stream output: 4k@30fps @32mbps Datarate's @ HDMI 1-1080p@60fps bitrate can be up to 32mbps
Up to 4 Input streams	2-1080p@60fps@10mbps max. for each stream
for Mosaic picture:	3-1080p@50fps@10mbps max. for each stream 4-1080p@30fps@20mbps max. for each stream
Relative Humidity	5% to 90% non-condensing
Storage temperature	-20° to 80°C
Operating temperature	-10° to 70°C
Power supply	12V DC, 1A
Dimensions	180x150x25mm
Weight	0,5 kg / incl. Package and PSU: 0,7kg
Consumption	5-10W



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