



IP VIDEO DECODER 4K

HDD-276

4Kp60 HDR Decoder & IPTV Receiver with HDMI & CVBS Out

- 4K/UHD
- H.265/HEVC
- H.264/AVC
- HDMI
- IP / Ethernet
- SRT
- RTMP

Model designation as per manufacturer reference

Overview

The VIZOBOX HDD-276 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

- ✓ 4Kp60 HDR Decoder & IPTV Receiver with HDMI & CVBS Out
- ✓ Inputs: 1x UHD/HD/SD in h.264 or h.265 compatible streams
- ✓ Outputs HDMI, CVBS in parallel
- ✓ external Audio Output (3.5mm Stereo)
- ✓ IP Input and Transcoding Output Protocols: RTSP/RTP/UDP, compatible codec technology
- ✓ MPTS Input with Program selection for decoding bit rates for IPTV system and
- ✓ source content over LAN or WAN, ONVIF detection support
- ✓ Video-over IP applications (Signal distribution) all its resolution range.
- ✓ Video conferencing, Camera streaming
- ✓ UHD/HD Transcoding in HD, Upscaling to HDMI out-of-art IP technology from almost
- ✓ h.265 and h.264 compatible Decoder & IP Receiver
- ✓ like from our SoC boxed Encoders HDE and SDE family
- ✓ Stereo Audio embedded decoding of AC3, AAC and MP1L2,
- ✓ UHD Resolution max 2160p60, 1080p, 720p.... The h.265 (HEVC) and h.264
- ✓ UDP/RTP, HTTP, adaptive HLS, FLV, RTMP(s), SRT
- ✓ Reception of Video Camera UHD/HD streams and other Digital Signage reception. The
- ✓ Inserting of Text, Logos and scrolling Text as Overlays saves bandwidth cost through
- ✓ Digital Signage applications
- ✓ IPTV on LAN applications, Corporate IPTV for Broadcasters IPTV/OTT network using state
- ✓ Remote management by an inbuilt Webserver-Interface any kind of video input.

Technical Specifications

Function	4Kp60 h.265 (HEVC compatible) and h.264 (MPEG4 compatible) Decoder with HDR support
SYSTEM	Embedded HiLinux System, stable and effective, 7 x 24h RJ45 GbEthernet, IPTV in SPTS and MPTS (service selection) supported,
INPUT	
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	
Data Rates	100 kbps – 32 Mbps per stream
Resolution max:	2160p60, 1080p60, 720p and below ... h.265 (HEVC) or h.264 (AVC) in max. 4K@60fps HDR support: Dolby, HDR10, HLG, Auto 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 dep. on input codec
OSD	4 Logo (bmp's with or w/o transparent colour) and Text Insertion as transparent overlays
Picture adjust	Brightness, Hue, Saturation, Contrast

Profiles	H.264/AVC High/Main/Baseline Profile H.265/HEVC main profile MJPEG/JPEG baseline
Audio output	HDMI embedded Audio (additional 2.5mm Stereo jack out) 3840*2160P@60/1440P@30/1080P@60/1080I@60/1080P@50/1080I@50 HDMI-max out format 1080P30/1080P25/720P60/720P50/576P50/480P60 fps
CVBS Output	PAL 720x576 or NTSC 720x480
Transcoded Stream	maximum output format = 1080p@60fps Maximum decoding 1 Picture stream output: 4k@60fps @32mbps Data Rate @ HDMI
Relative Humidity	5% to 90% non-condensing
Storage temperature	-20° to 80°C
Operating temperature	-10° to 70°C
Power supply	5-12V DC, 2A
Dimensions	105 x 100 x 24mm
Weight	240 g / incl. Package and PSU: 0,7kg
Consumption	< 5W



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Model designation follows the manufacturer reference. Specifications are indicative, may vary by configuration and are subject to change without notice. © 2026 Vizobox Development GmbH. All rights reserved.