Encoder & IPTV Streamer with HDMI Input

h.265 and h.264 compatible 4K UHD encoder & IP streamer combined

- HDMI compatible input for encoding and recording to SD Card
- Stereo Audio embedded or external Input (3.5mm stereo)
- HD Resolution 2160p30, 1080p, 1080i, 720p...
- GbE IP output: RTSP, RTMP, UDP/RTP, HTTP, HLS, FLV
- Distribution of Video Camera U(HD) and other sources content over LAN, WAN or internet.
- 4 simultaneously and independent Live stream broadcast encoder engines to multiple destinations
- Video-over IP applications, Digital Signage
- IPTV/OTT applications
- Video conferencing, Camera streaming
- IPTV on LAN applications, Corporate IPTV for Broadcastings
- UHD,HD and SD video encoding (incl. 1080p) downscaling
- Corresponding product: BLANKOM IPTV-STB 7500+ (UHD)

BLANKOM HDE-275 encoder serves the distribution of SD/HD and UHD TV/video content through IP networks in digital quality. The live video can be received by Internet media server by TV sets with IPTV Set-Top Boxes, on PC’s and tablets with VLC Player.

info@blankom.de  www.blankom.de
Function: h.265 (HEVC) and h.264 compatible Encoder and IP Streamer

INPUT
HDMI compatible input

Resolution
2160p30, 1080p, 1080i, 720p and below

Audio
Embedded from HDMI signal or optional Stereo Input by 3.5mm jack

Video encoder
h.265 (HEVC) or h.264 (AVC) compatible

Audio encoder
AAC (normal, +, ++), MP3, MP1L2, AC3 stereo compatible

Audio Bit-rate:
Bit-rate: 32k/48k/96k/128k/160k/192k, Data-rate: 64 kbps-384 kbps

SYSTEM
4 independent output streams (Main and 3 Secondary)

Data interface
RJ45, 1000Mb/s Ethernet interface, management by web browser, NTP support

Protocol
HTTP, RTSP, RTMP, UDP/RTP, FLV, HLS; unicast/multicast

Data Rate
32 kbps – 32 Mbps (dep. on sampling rate chosen)

Encoding bitrate process
CBR/VBR

GOP Modes
NormalP, DualP, SmartP, BIPREDP

ONVIF 2.x
Supported by RTSP: G711A

Picture adjust
De-interlacing, Noise reduction, Sharpening, Filter & Aspect Ratio setting

OSD
4 Logo and Text Insertion as transparent overlays

Recording
TS-files to Micro-SD-Card or USB penkey (high speed versions recommended)
Supported Filesystems: NTFS, exFAT, FAT32 (FAT 16/32 are limited – check filesize limits)

Power supply
External 100...240VAC to 12V DC, 1-2A, Euro-plug to 5.1 DC Jack

Dimensions
160 x 115 x 40mm

Weight
0.4 kg

Consumption
5W