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.
- 2 simultaneous 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
- HD and SD video encoding (incl. 1080p)
- Corresponding product: BLANKOM IPTV-STB 7500+ (UHD)

BLANKOM HDE-4K5 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.

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### 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)

### Audio encoder
AAC, MP3

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

### SYSTEM
2 independent output streams (Main and Secondary)

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

### 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

### ONVIF 2.x
Supported by RTSP: G711A

### Picture adjust
De-interlacing, Noise reduction, Sharpening, Filter

### OSD
4 Logo and Text Insertion as transparent overlays

### Recording
To Micro-SD-Card (high speed recommended) eXfAT, FAT32, high speed needed

### Power supply
12V DC, 2A

### Dimensions
103 x 61 x 16mm

### Weight
0.2 kg

### Consumption
5W

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All technical data are subject to change w/o further notice. © Irenis GmbH 05-2019