BLANKOM
an IRENIS brand ...setting signals

HDE-265(L) / - 264

Encoder & IPTV Streamer with HDMI Input

h.265 & h.264 compatible encoder & IP streamer combined – New: HDE-265L with 'Loop-HDMI' output

- ✓ HDMI-compatible input for encoding
- ✓ Stereo Audio embedded or external Input (3.5mm stereo*)
- ✓ HD Resolution 1080p, 1080i, 720p
- ✓ IP output: RTSP, RTMPs, UDP/RTP, HTTP, HLS, FLV, MJPG
- ✓ NEW V6.40: **SRT**-Support: *Only 265-Versions!*
- ✓ Distribution of Video Camera HD-SDI and other sources content over LAN, WAN or internet
- ✓ 2 simultaneously and independent Live stream broadcast encoder engines to multiple destinations
- ✓ Video-over IP applications
- ✓ IPTV/OTT applications
- ✓ Video conferencing, Camera streaming
- ✓ IPTV on LAN applications, Corporate IPTV for Broadcasters
- ✓ HD and SD video encoding (incl. 1080p)
- ✓ Corresponding product: HSD-340 HDMI to SDI converter, HDE-1264/1265 in 1RU 19'' , HDE-4264/4265, ADE-4264/4265 HDE-275Q = 2x 4Kp30 2x Full-HD to IP

BLANKOM HDE-265/264 compatible encoders serving the distribution of SD and HD 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,
with PC's and Tablets/Smartphones using i.e. VLC Player

BLANKOM HDE-265 /HDE-264

IPTV encoder designed for TV signal distribution in excellent quality over LAN and INTERNET.

The H.265 (HEVC) compatible compression technology features low bit rates for IPTV/OTT systems. The high-efficient encoding chips saves bandwidth cost through all its resolution range.

Distribution of SD and HD TV channels through the IPTV/OTT network using state-of-art IP technology from almost any kind of video input.
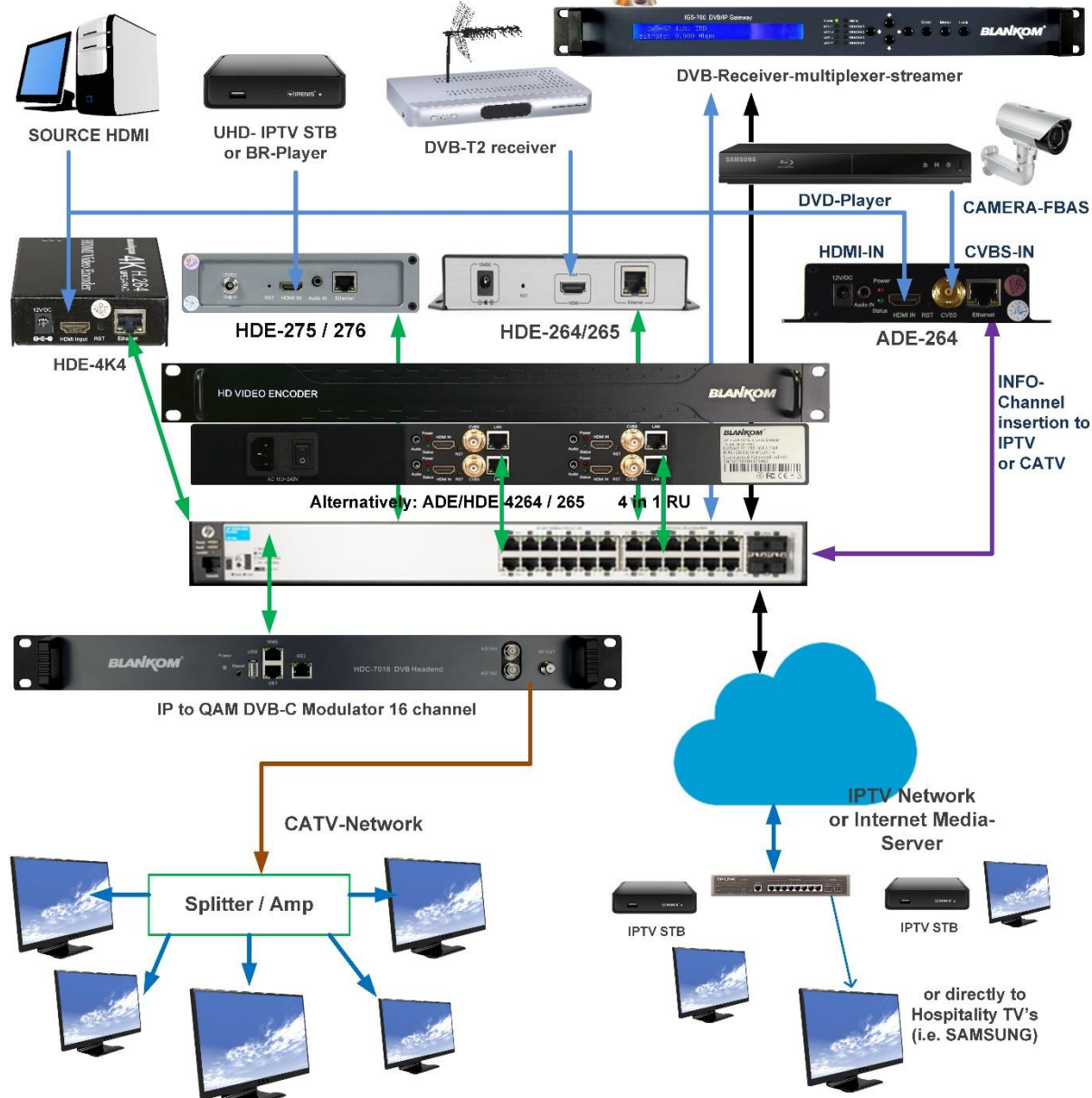
Excellent Video and Audio quality. High reliability. No regular service and maintenance need during operation. Available as HDE-264 with only h.264 compatible codec support.

*) depending on model

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Application Example
Multiple Encodings to IPTV and CATV

BLANKOM®
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DVB-Receiver-multiplexer-streamer

SOURCE HDMI

UHD- IPTV STB or BR-Player

DVB-T2 receiver

DVD-Player

CAMERA-FBAS

HDMI-IN   CVBS-IN

HDE-275 / 276

HDE-264/265

ADE-264

HDE-4K4

INFO-Channel insertion to IPTV or CATV

HD VIDEO ENCODER   BLANKOM

Alternatively: ADE/HDE 4264 / 265   4 in 1 RU

IP to QAM DVB-C Modulator 16 channel

CATV-Network

Splitter / Amp

IPTV Network or Internet Media-Server

IPTV STB

IPTV STB

or directly to Hospitality TV's (i.e. SAMSUNG)

Function	H.264 compatible Encoder and IP Streamer (HEVC comp. Only HDE-265)
INPUT	HDMI-Cable compatible (1.4)
Resolution	1080p, 1080i, 720p and below
Video encoder	H.265 (HEVC) or H.264 (AVC) (or both = HDE-265 only), MJPG support
Audio encoder	AAC +/++, MP3, MPEG1Layer2, AC-3stereo *(External analog stereo Input depending on Model)*
Audio Bit-rate:	Bit-rate: 32k/48k/96k/128k/160k/192k, Data-rate: 64 kbps-384 kbps
Data interface	RJ45, 1000Mb/s Ethernet interface, management by web browser *(HDE-264=100BaseT only)*
Protocol	HTTP, RTSP, RTMPs, UDP/RTP, FLV, HLS ; Unicast/Multicast, MJPG, SRT (h.265 units only)
Data Rate	32 kbps – 32 Mbps
Encoding bitrate	CBR/VBR
GOP Structure	IBBP
ONVIF	Supported by RTSP: G711A/U
Picture adjust	De-interlacing, Noise reduction, Sharpening
OSD	4x Logo and Text Insertions as transparent overlay
Upgrade	Firmware- and Configuration-File for Backup UP- and Download by Web-IF *(since V6.42... Nov. 2019)*
Power supply	12V DC, 1A
Dimensions / Weight	165x85x24mm / 0.5 kg
Consumption	5W