

Encoder & IPTV Streamer with SDI Input



h.265 and h.264 encoder & IP streamer combined

- ✓ HD-SDI or SD-SDI input for encoding
- ✓ Stereo Audio embedded or external Input (3.5mm stereo)
- ✓ HD Resolution 1080p, 1080i, 720p.
- ✓ IP output: RTSP, RTMP, UDP/RTP, HTTP, HLS, FLV
- ✓ Distribution of Video Camera HD-SDI 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
- ✓ 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

BLANKOM SDE-265 encoder serves 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, on PC's and tablets with VLC Player.

BLANKOM SDE-265

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

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

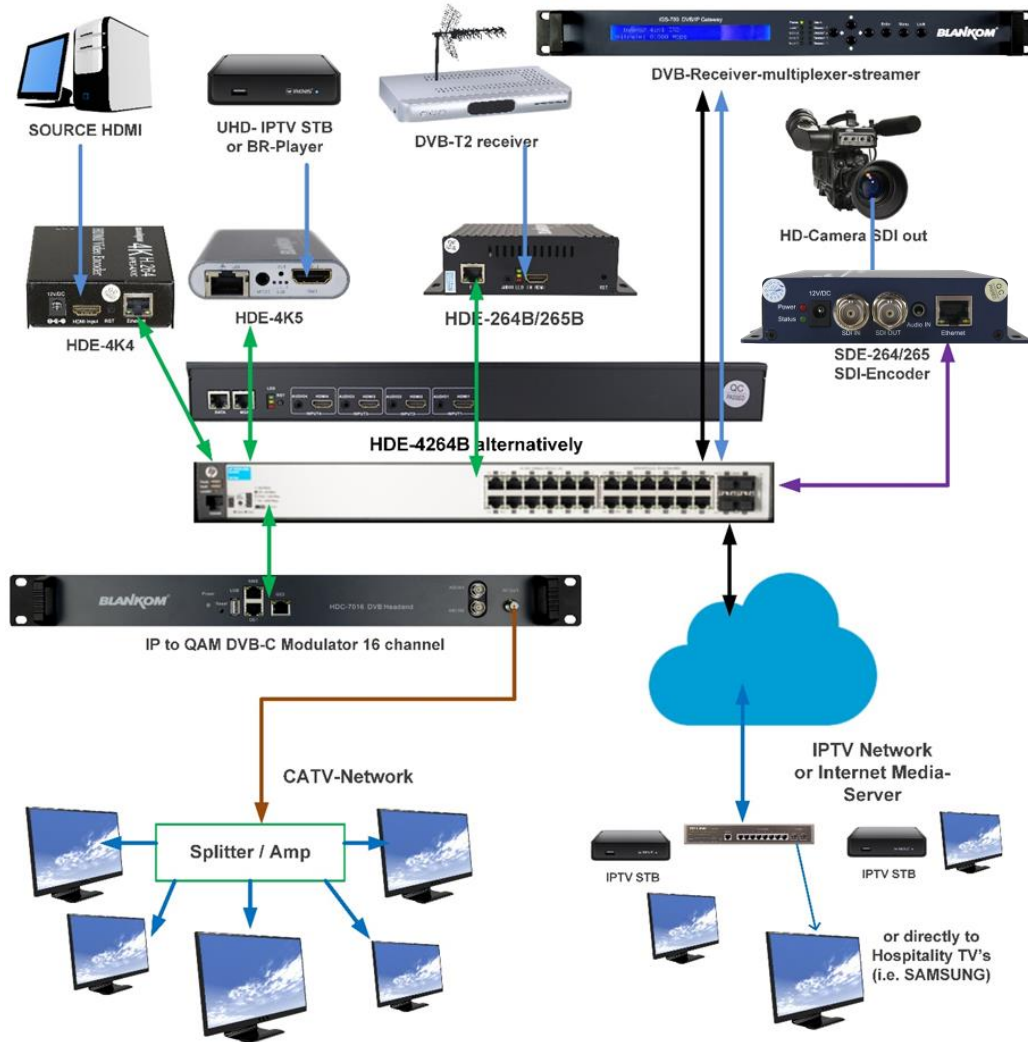
Distribution of SD and HD TV channels through the IPTV/OTT network using state-of-art IP technology from almost any kind of video input.

Excellent video and audio quality.

High reliability. No regular service and maintenance need during operation.

Application Example

Multiple Encodings to IPTV and CATV



Function	H.265 (HEVC) and H.264 Encoder and IP Streamer
INPUT	HD-SDI / SD-SDI (BNC type) input and loopthrough output
Resolution	1080p, 1080i, 720p and below
Video encoder	H.265 (HEVC) or H.264 (AVC) or MJPEG
Audio encoder	AAC, MP3, MPEG1Layer2, AC-3
Audio Bit-rate:	Bit-rate: 32k/48k/96k/128k/160k/192k, Data-rate: 64 kbps-384 kbps
SYSTEM	
Data interface	RJ45, 1000M Ethernet interface, management by web browser
Protocol	HTTP, RTSP, RTMP, UDP/RTP, FLV, HLS ; unicast/multicast
Data Rate	32 kbps – 32 Mbps
Encoding bitrate	CBR/VBR
SMPTE 425	Support Level A & B
GOP Structure	IBBP
ONVIF	Supported by RTSP: G711A
Picture adjust	De-interlacing, Noise reduction, Sharpening
OSD	4 Logo and Text Insertion as transparent overlay
Power supply	12V DC, 1A
Dimensions	165x85x24mm
Weight	0.5 kg
Consumption	5W