

4x HDMI- 4K/HD – Encoder-Streamer



HDE-275Q 4 channel HDMI Video Encoder

4x HDMI-Encoder

*HEVC and h.264 compatible from
max. 2x UHD 2160p30 + 2x HD
to max 4x4 (and more) output streams in
RTSP/HTTP/ RTP/UDP/FLV/HLS/RTMPs*

Features:

- Embedded HiLinux System, stable and effective
- 4x HDMI input and encoding parallel at the same time
- Supports 1x main stream & 3 substream outputs per channel
- Output Streaming bitrate adjustable
- Supports Analogue Audio Line-in mixed with HDMI Audio
- Compatible with h.265 Main Profile & h.264 AVC
High profile / Main Profile / Baseline Profile
- VBR / CBR encoding process selectable
- Still-Test-picture streaming if no signal input
- Firmware upgrade by WEB

Applications:

- IPTV (Wowza, Xstream Codes Media Server, etc.)
- Online Live Broadcast (YouTube, Ustream, Twitter, etc.)
- NVR (Net Video Recorder)
- Teaching / Campus Broadcast
- Hotel IPTV system and Info-channels
- Video Conference
- Digital Signage
- Recording System for Cameras

BLANKOM HDE-275Q

is a cost effective boxed HDMI encoder streamer which supports 4 channels H265/H264 audio & video encoding,

and transfer the IP- TS stream over IP networks to Media Server (Wowza, Xstream codes, nginx, etc...) or usable as an online live broadcast platform, such as YouTube, Facebook, Ustream, Twitter, etc.

The input HDMI maximal resolution is 2160p@30fps, and the output stream resolution can be up to 2x UHD and 2x Full HD 1080p60.

Works with HTTP / HLS / FLV / RTSP / UDP / RTP / RTMPs Streaming Protocols and ONVIF support.

Technical specifications:

Input	4x HDMI input, 2x analogue stereo Audio Line-IN to add own Audio sounds		
Video	HDMI Input	HDMI 1 & 2 Max supports 3840x2160@30fps, HDMI 3 & 4 Max @1080p 60fps	
	Encoding	Encoding	H.265/H.264/AVC BP/MP/HP (High / Main / Baseline Profile)
		Resolution	Max. 2 channel 4k@30fps plus 2 channel 1080p@60fps or 4 channel 1920x1080P@60fps
		FPS	5-60
		Bitrate	0.1...32Mbps (Each Channel)
		Bitrate Control	VBR / CBR
Audio	Encoding	AAC / AAC+ / AAC++ / MP2 / MP3 / G.711, etc.	
	Sample Rates	44.1kHz / 48.0kHz	
	Bitrate	12Kbps ... 320Kbps adjustable	
System	1000BaseT Ethernet RJ45 interface , max 4x4 Stream outputs (4x Main, 12x secondary streams), supported streaming formats: Unicast: RTSP/HTTP/RTMPs/FLV/HLS Multicast: RTP/UDP		
	Web based management		
	English control interface		
	Firmware upgrade by file-web-upload		
Others	Dimension	Standalone: 17cm x11cm x3 cm	
	Weight	1kg	
	Power adapter	DC 12V 2A external PSU, Euro plug	
	Operating temperature	-20 ...80 °C	
	Storage temperature	-40 ... 90 °C	
	Relative Humidity 5% ... 90% non-condensing		

Corresponding products:

- HDD-275 HEVC/h.264 compatible UHD-Decoder with multiple outputs: VGA, CVBS, HDMI, HD SDI
- IPTV SetTopBox 6600+ / 7500+ (UHD)
- Any PC with VNC Media player, Any IPTV TV flatscreen
- IPQAM 801: 1 DVB-C channel Modulator with 8 Stream Inputs (RTSP/UDP)
- HDC-5016 16 Channel IP to DVB-C QAM modulator