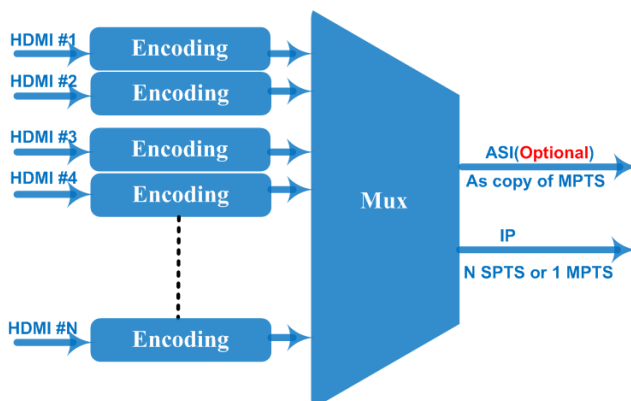


# IPTV Encoder with 8/12/16/20/24 HDMI Input



- 8 HDMI input, 8 SPTS IPTV and 1 MPTS output (EMU 8508)
- 12 HDMI input, 12 SPTS IPTV and 1 MPTS output (EMU 8512)
- 16 HDMI input, 16 SPTS IPTV and 1 MPTS output (EMU 8516)
- 20 HDMI input, 20 SPTS IPTV and 1 MPTS output (EMU 8520)
- 24 HDMI input, 24 SPTS IPTV and 1 MPTS output (EMU 8524)
- 1 ASI output
- **On-Screen Graphics, Scrolling Text, QR Code**
- Accurate PCR adjusting
- PID filtering and re-mapping
- PSI/SI rebuilding and editing
- "Null PKT Filter" function
- Remote control and firmware, web NMS management.
- Updates via web.
- Professional quality, breakthrough price.



BLANKOM EMU 8500 series MPEG4 AVC/H.264 HD IP Encoder is a professional HD audio & video encoding and multiplexing device.

It has 8 ~ 24 HDMI video input interfaces, supporting MPEG-4 video encoding and MPEG 1 Layer 2 audio encoding.

This device can simultaneously encode 8 ~ 24 HDMI channel HD audio & video; moreover, it has an IP output port can support 1 MPTS and 8 ~ 24 SPTS IP out.

In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting etc.

*8 ~ 24 HDMI input  
IPTV Encoder  
with Graphics Insertion*

**Technical specifications:**

<b>Input</b>	8 / 12 / 16 / 10 / 24 HDMI inputs		
<b>Video</b>	Resolution	input	1920×1080_60P, 1920×1080_60i, 1920×1080_50P, 1920×1080_50i, 1280×720_60P, 1280×720_50P, 720×576_50i,720×480_60i,
		output	1920×1080_30P, 1920×1080_25P, 1280×720_30P, 1280×720_25P, 720×576_25P,720×480_30P,
	Encoding		MPEG-4 AVC/H.264
	Bit-rate		1Mbps~13Mbps each channel
	Rate Control		CBR/VBR
GOP Structure		IP...P ( P Frame adjustment, without B Frame )	
<b>Audio</b>	Encoding		MPEG-1 Layer 2
	Sampling rate		48KHz
	Resolution		24-bit
	Bit-rate		64kbps,128kbps,192kbps, 224kbps, 256kbps, 320kbps, 384kbps
<b>Multiplexing</b>	Maximum PID Remapping		180 input per channel
	Function	PID remapping ( automatically or manually)	
		Accurate PCR adjusting	
Generate PSI/ SI table automatically			
<b>Stream output</b>	12 SPTS (8/16/20/24 SPTS) IP or 1MPTS output over UDP/RTP, 1*1000 Base-T Ethernet interface ASI output(optional) as copy of MPTS		
<b>System function</b>	Network management(WEB)		
	English language menu		
	Ethernet software upgrade		
<b>Miscellaneous</b>	Dimension(W×L×H)	482mm×410mm×44mm	
	Approx weight	8kg	
	Environment	0~45°C(work) ; -20~80°C (Storage)	
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz	
	Power consumption	70W	