

DVB-C Modulator & IPTV Encoder



- 8 HDMI inputs and 1 ASI input
- 2 DVB-C, 2 ASI, 8 SPTS outputs (Model: EMU 8608C)
- 4 DVB-C, 2 ASI, 4 MPTS outputs (Model: EMU 8608C-01)
- H.264/AVC video encoding
- Up to 1080p60 video format resolutions
- MPEG1 Layer 2 (HE-AAC (V2), LC -AAC optional) audio encoding; AC3 Passthrough (for HDMI)
- Audio gain control
- Accurate PCR adjusting
- PID filtering and re-mapping
- PSI/SI rebuilding and editing
- "Null PKT Filter" function
- GbE IP port, UDP, RTP/RTSP protocols
- Real-time output bit-rate monitoring
- Remote control and firmware, web NMS management
- Updates via web.
- Professional quality, breakthrough price.

BLANKOM EMU 8608C is a DVB-C Modulator and IPTV Encoder in one unit.

It is a professional HD audio & video encoding and multiplexing device.

It has 8 HDMI video input interfaces, supporting MPEG4 AVC/H.264 video and MPEG 1 Layer 2 audio encoding.

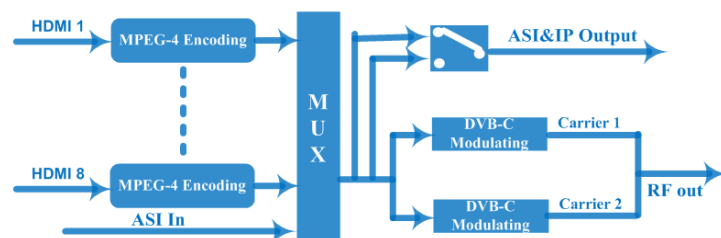
This device can simultaneously encode 8 HDMI HD audio & video sources.

It generates 2/4 multiplexes out of the HDMI input sources and the content of the ASI input transport stream.

Those multiplexed streams are modulated into DVB-C and also available as SPTS/MPTS IP streams and ASI stream at the output.

Its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems.

*8 HDMI inputs
DVB-C Modulator and
IPTV Encoder in one unit.*



Technical specifications:

Input	8 HDMI inputs			
	1 ASI input, BNC interface			
Resolution		1920×1080_60p, 1920×1080_50p		
		1920×1080_60i, 1920×1080_50i		
		1280×720_60p, 1280×720_50p		
		720×576_50i, 720×480_60i		
Video	Encoding	MPEG-4 AVC/H.264		
	Bit-rate	0.8 Mbps~19 Mbps (each channel)		
	Rate Control	CBR/VBR		
	GOP Structure	IBBP		
	Advanced Pretreatment	De-interlacing, Noise Reduction, Sharpening		
Audio	Encoding	MPEG-1 Layer 2 (HE-AAC V2, LC- AAC option)		
		AC3 passthrough (for HDMI)		
	Sampling rate	48 kHz		
	Bit-rate	64 kbps~384 kbps each channel		
	Audio Gain	0-400		
Multiplexing		1 ASI input multiplexed with local 8 channels of TS		
		PID remapping (automatically or manually)		
		Accurate PCR adjusting,		
		Generating PSI/SI table automatically		
Modulation		Standard	J.83A, J.83B, J.83C	
		MER	≥42 dB	
		RF frequency	30~960 MHz, 1 kHz step	
		RF output level	-30.0~ -10.0 dBm (77~97 dBμV), 0.1 dB step	
		Symbol rate	5.0 - 9.0 Msps	
	DVB-C	J.83A	Constellation	16/32/64/128/256QAM
			bandwidth	8 MHz
		J.83B	Constellation	64QAM, 256QAM
			bandwidth	6 MHz
	J.83C	Constellation	64QAM, 256QAM	
		Bandwidth	6 MHz	
	RF out	2 RF DVB-C out		
Stream output		2 ASI to mirror one carrier output, BNC interface		
		8 SPTS over UDP, RTP/RTSP or 4 MPTS over UDP, RTP		
System function		Gigabit Ethernet interface (unicast/multicast)		
		LCD/keyboard operating, web NMS supporting		
		Ethernet software & hardware upgrade		
Miscellaneous	Dimension (W× L× H)	482mm×455mm×44mm		
	Approx weight	4 kg		
	Temperature	0~45°C(working), -20~80°C (storage)		
	Power	AC 100V-220V±10%, 50/60Hz		
	Consumption	25W		