

## DVB-C Modulator with 8 or 12 HDMI Input



- 8 HDMI input (HDM 8508C)
- 12 HDMI input (HDM 8512C)
- 128 IP (UDP/RTP) input, 1 DVB-C input
- 4 DVB-C (QAM) output
- 4 MPTS IPTV (UDP/RTP) output
- 4 internal Multiplexer
- **On-Screen Graphics, Scrolling Text, QR Code**
- Excellent RF output performance index, MER ≥ 40dB
- 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.



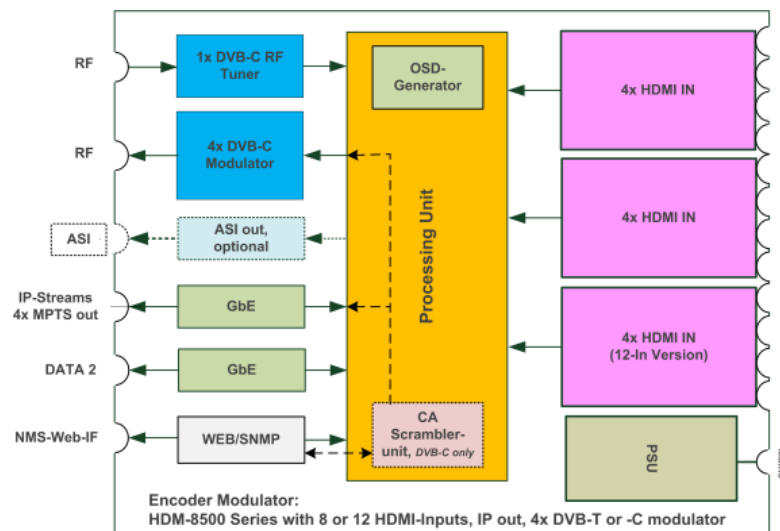
BLANKOM HDM 8508C and 8512C are professional high integration devices which include encoding, multiplexing, scrambling and DVB-C modulation.

It supports 8 or 12 HDMI input, one DVB-C tuner input and 128 IP input with Data1 (GE) and Data2 (FE) port.

It also support DVB-C RF out with 4 adjacent carriers (50MHz ~ 960MHz), and support Data1 (GE) output port to support 4 MPTS out.

This full function device makes it ideal for small CATV headend system, and it's a smart choice for hotel TV system, entertainment system in sports bar, hospital, apartment.

*8 or 12 HDMI input  
DVB-C Modulator  
with Graphics Insertion*



## Technical specifications:

<b>Input</b>	8 or 12 HDMI inputs 1 DVB-C Tuner, F type interface DATA1 and DATA2, RJ45			
<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	48 kHz		
	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>Scrambling</b>	Maximum simulcrypt CA	4		
	Standard	EN300 429/ITU-T J.83A/B		
	Connection	Local/remote connection		
<b>Modulation</b>	DVB-C	QAM Channel: 4 Standard: EN300 429/ITU-T J.83A/B MER: ≥40db RF frequency: 50~960MHz, 1kHz step RF output level: -26~-1dBm (81~106 dBμV), 0.1dBm Symbol Rate: 5.0Msps~7.0Msps, 1ksps steps Constellation: 16/32/64/128/256 QAM		
			J.83A	J.83B
		Constellation	16/32/64/128/256QAM	64/256 QAM
		Bandwidth	8M	6M
<b>Stream output</b>	RF output (F type interface)			
	4 IP output over UDP/RTP, 1*1000M Base-T Ethernet interface (Data1 only)			
<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 (Working) ; -20~80°C (Storage)		
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ±10%, 50/60Hz		
	Power consumption	70W		