

DVB-T Modulator with 8 or 12 HDMI Input



- 8 HDMI input (HDM 8508T)
- 12 HDMI input (HDM 8512T)
- 128 IP (UDP/RTP) input, 1 DVB-C input
- 4 DVB-T 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.



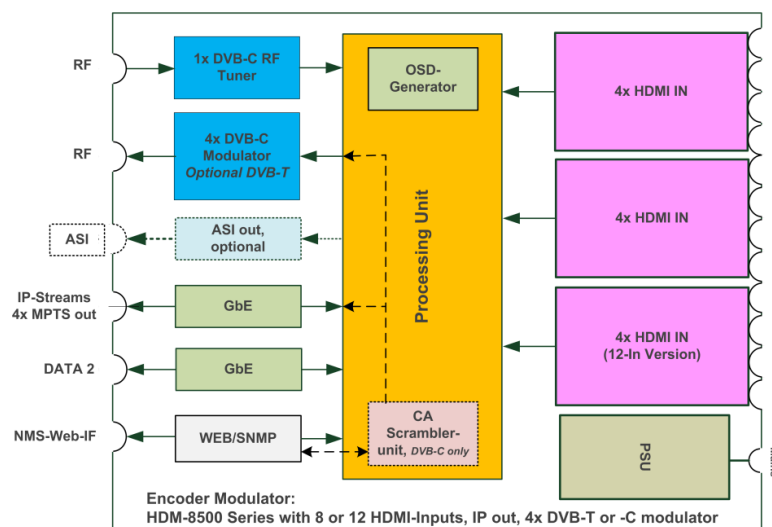
BLANKOM HDM 8508T and HDM 8512T are professional high integration devices which include encoding, multiplexing, scrambling and DVB-C modulation.

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-T 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-T Modulator
with Graphics Insertion*



Technical specifications:

Input	8 or 12 HDMI inputs 1 DVB-T Tuner, F type interface DATA1 and DATA2, RJ45		
Video	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)	
Audio	Encoding	MPEG-1 Layer 2	
	Sampling rate	48 kHz	
	Resolution	24-bit	
	Bit-rate	64kbps, 128kbps, 192kbps, 224kbps, 256kbps, 320kbps, 384kbps	
Multiplexing	Maximum PID Remapping	180 input per channel	
	Function	PID remapping (automatically or manually)	
		Accurate PCR adjusting	
Generate PSI/ SI table automatically			
Scrambling	Maximum simulcrypt CA	4	
	Standard	EN300 429/ITU-T J.83A/B	
	Connection	Local/remote connection	
Modulation	DVB-T	Standard	EN300744
		FFT mode	2K,
		Bandwidth	6M, 7M, 8M
		Constellation	QPSK, 16QAM, 64QAM
		Guard Interval	1/4, 1/8, 1/16, 1/32
		FEC	1/2, 2/3, 3/4, 5/6, 7/8
		MER	≥42 dB
		RF frequency	50~960MHz, 1KHz step
		RF out	4*RF COFDM DVB-T out (4 carriers combined output)
RF output level	-28~ -3 dBm (77~97 dBμV), 0.1db step		
Stream output	RF output (F type interface)		
	4 IP output over UDP/RTP, 1*1000M Base-T Ethernet interface (Data1 only)		
System function	Network management (WEB)		
	English language menu		
	Ethernet software upgrade		
Miscellaneous	Dimension (W×L×H)	482mm×410mm×44mm	
	Approx weight	8kg	
	Environment	0~45℃ (Working) ; -20~80℃ (Storage)	
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ±10%, 50/60Hz	
	Power consumption	70W	