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:

| Input               | 8 or 12 HDMI inputs  
|                    | 1 DVB-C Tuner, F type interface  
|                    | DATA1 and DATA2, RJ45  
| Resolution         | Input  
|                    | Output  
| 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-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  
|                   | Bandwidth | 8M  
|                   |             | 6M  
| 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°C (Working) ; -20~80°C (Storage)  
|                   | Power requirements | AC 110V± 10%, 50/60Hz, AC 220 ±10%, 50/60Hz  
|                   | Power consumption | 70W  

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