



ADV-8108 is high quality 8-Channel professional video/audio encoder with powerful functionality. It has 8 independent encoding channels with CVBS video inputs and unbalanced audio inputs or 8 independent channels with SD-SDI video inputs with embedded audio. It supports MPEG-2 and H.264 video encoding and MPEG-1 Audio layer 2, LC-AAC and HE-AAC audio encoding. Its each channel can reach an ultra low bit-rate. ADV-8108 has an ASI input and can multiplex the input TS with the 8 encoded SPTS to generate a MPTS output.

## Key Features

- **8 CVBS or 8 SDI inputs**
- **H.264 and Mpeg2 SD video encoding**
- **MPEG1 Audio Layer 2, LC-AAC and HE-AAC (V2) audio encoding**
- **ASI and IP outputs: MPTS or 8 SPTS UDP IP Output**
- **ASI input, Built-in multiplexer**
- **PSI/SI editing and inserting**
- **IP null packet filter**
- **VBR/CBR video encoding**
- **Ultra low bit rate encoding, Real-time output bit-rate monitoring**
- **LCD / keyboard and NMS (Web/SNMP) control**



## Specifications

<b>Inputs</b>	8 CVBS inputs, BNC interface		<b>ADV-8108-C</b>
	8 pairs of unbalanced stereo audio, BNC interface		
	8 SD-SDI inputs with embedded audio		<b>ADV-8108-S</b>
	1 ASI input, BNC interface		
<b>Video</b>	Resolution	PAL: 720*576/352*288/320*240/320*180/176*144/ 160*120/160*90@50Hz	
		NTSC: 720*480/352*288/320*240/320*180/176*144/ 160*120/160*90@59.94Hz	
	Encoding	MPEG-2 / H.264	
	Bit-rate	0.25~15Mbps for H.264 encoding 0.5~15Mbps for MPEG-2 encoding	
	Rate Control	CBR/VBR	
	Advanced Pretreatment	De-interlacing, Noise Reduction, Sharpening	
<b>Audio</b>	Encoding	MPEG1 Audio Layer 2, LC-AAC, HE-AAC V2	
	Sampling rate	48KHz	
	Bit-rate	32Kb/s~384Kb/s (each channel)	
<b>Multiplexing</b>		1 ASI input multiplexed with local 8 channels of TS	
<b>Stream output</b>		2*ASI output, BNC interface	
		MPTS / 8 SPTS over UDP, 10/100Base-T Ethernet interface (UDP unicast / multicast)	
<b>System function</b>		LCD/keyboard operating, NMS(Web/SNMP) supporting	
		Ethernet firmware and software upgrade	
<b>Miscellaneous</b>	Dimensions (W× L× H)	482mm×455mm×44mm	
	Approx weight	4kg	
	Temperature	0~45°C (work), -20~80°C (Storage)	
	Power	AC 100V-220V±10%, 50/60Hz	
	Consumption	25W	

## Ordering Info

**ADV-8108-S - 8-channel MPEG-2/H.264 SD encoder with 8 SDI inputs**

**ADV-8108-C - 8-channel MPEG-2/H.264 SD encoder with 8 Composite inputs**