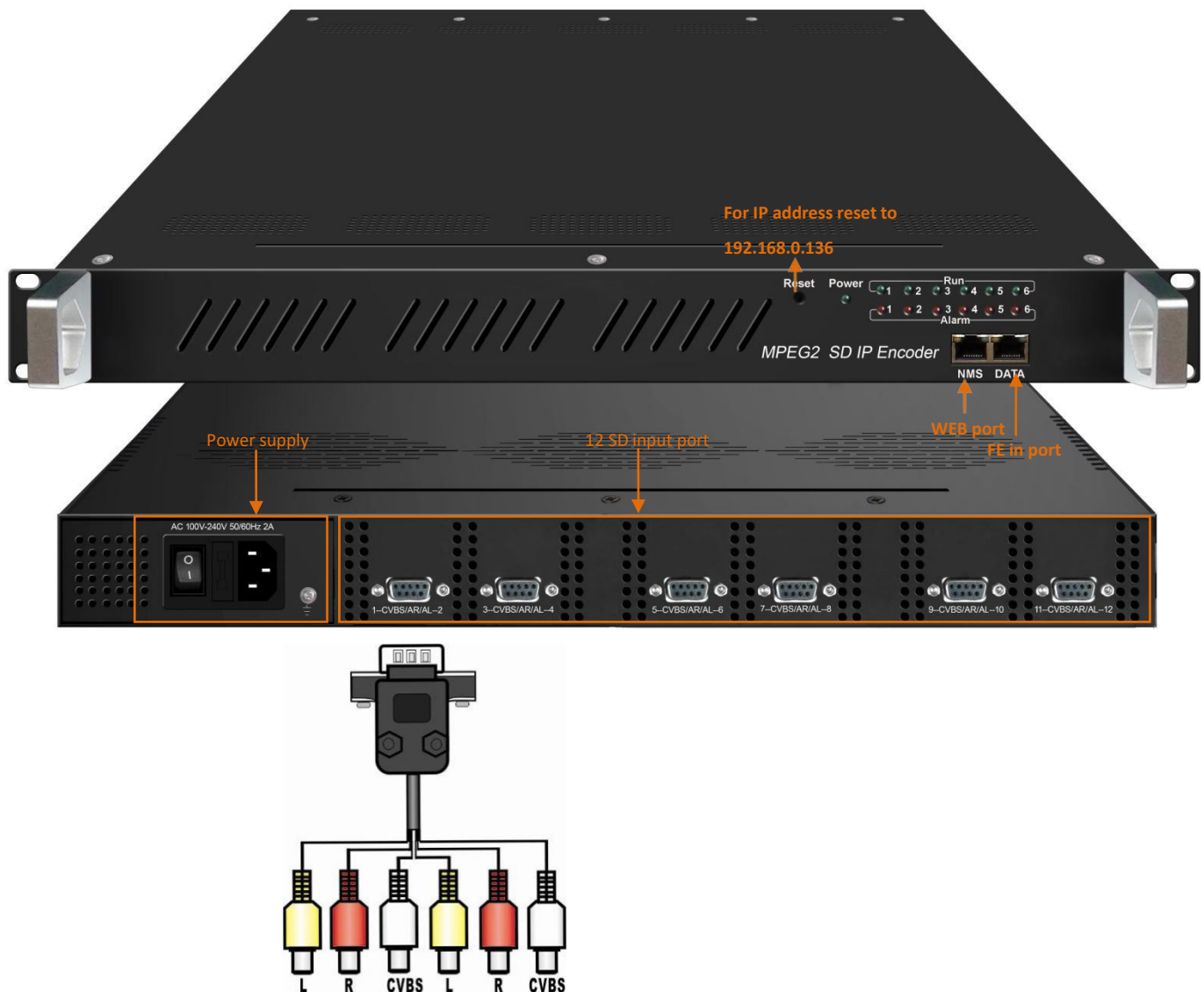


# SOFTTEL®



## SFT 9108C

## MPEG2 SD IP Encoder



### Product Overview

SFT9108C MPEG2 SD IP Encoder is a professional SD audio & video encoding and multiplexing device. It has 12 CVBS (8 CVBS optional) video input interfaces, 12 pairs of unbalanced audio input interfaces, supporting MPEG-2 video encoding and MPEG 1 Layer 2

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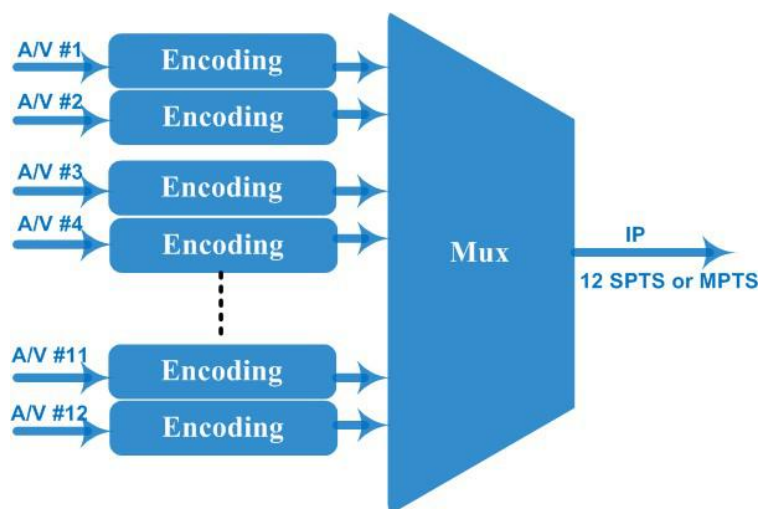
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audio encoding. This device can simultaneously encode 12 channel SD audio & video; moreover, it can multiplex the input TS to generate 12 SPTS or one MPTS output through data port. In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting etc.

### Key features

- 12×CVBS video inputs, 12 pairs of unbalanced audio inputs.
- Support MPEG-2 Video encoding
- Support MPEG1 Layer II, AC3(2.0) Audio encoding and **support audio gain to adjust audio volume**
- Support IP(MPTS/SPTS) output over UDP and RTP and support “Null PKT Filter” function
- Support PCR accurate adjusting
- Supports PAL and NTSC SD video formats
- Real-time effective encoding output bit-rate monitoring
- Support PSI/SI editing and inserting
- Control via web management, and easy updates via web
- **Lowest cost per channel, breakthrough price**

### Principle Chart



### Technical specification

<b>Input</b>	12 CVBS inputs , RCA interface	
<b>Video</b>	Resolution	720×480_60i, 544×480_60i, 352×480_60i 352×240_60i,320×240_60i,176×240_60i, 176×120_60i
		720×576_50i,704×576_50i,640×576_50i, 352×288_50i 320×288_50i, 176×288_50i, 176×144_50i,
	Encoding	MPEG-2
	Bit-rate	0.5Mbps~8Mbps each channel
	Rate Control	CBR
	GOP Structure	IBBP
Advanced Pretreatment	De-interlacing, noise reduction	
<b>Audio</b>	Encoding	MPEG-1 Layer 2, AC3(2.0)
	Sampling rate	48KHz
	Resolution	24-bit
	Bit-rate	128Kbps,192kbps,256kbps,320kbps,384kbps each channel
<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>Stream output</b>	IP (MPTS/SPTS output over UDP/RTP, 1*100 Base-T Ethernet interface	
<b>System function</b>	Network management(WEB)	
	Chinese and English language	
	Ethernet software upgrade	
<b>Miscellaneous</b>	Dimension(W×L×H)	482mm×410mm×44mm
	Approx weight	8kg
	Environment	0~45℃(work); -20~80℃ (Storage)
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz
	Power consumption	20W

### Order Information

	<b>SFT9108 C-8</b>	<b>SFT9108 C-12</b>	<b>SFT9108 C-24</b>
<b>8CVBS Input</b>	●		
<b>12CVBS Input</b>		●	
<b>24CVBS Input</b>			●