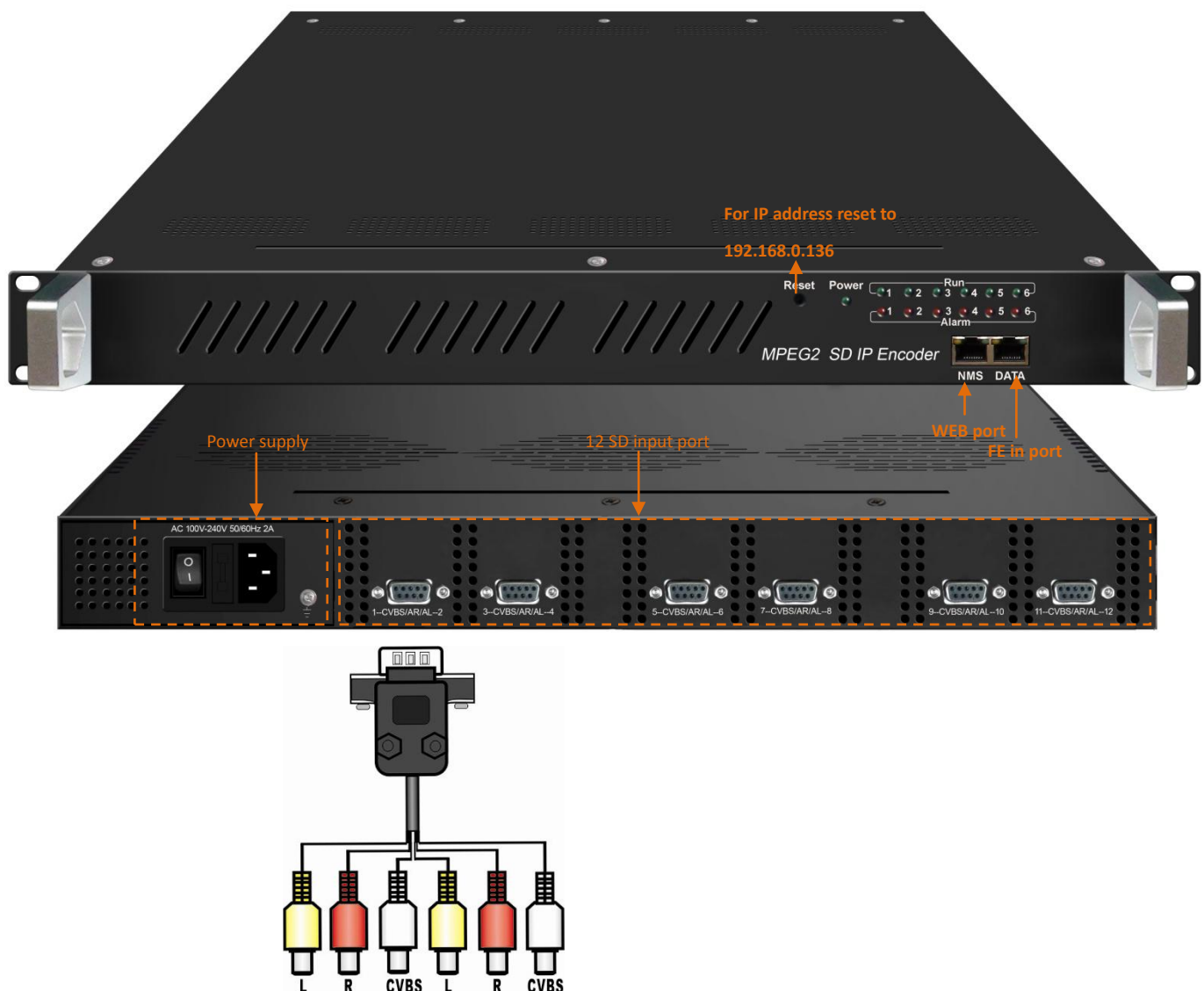


SOFTTEL®



SFT 3542K

MPEG2 SD IP Encoder



Product Overview

SFT3542K 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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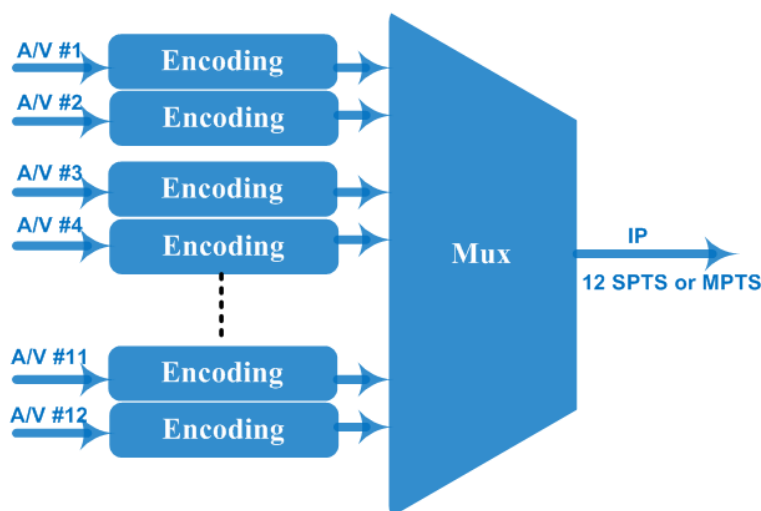
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audio encoding. This device can simultaneously encode 12 channel SD audio & video; moreover, it can multiplex the input TS to generate 12 SPTS or one MPTS output through data port. In conclusion, its high integrated and cost effective design makes 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

Input	12 CVBS inputs , RCA interface	
Video	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	
Audio	Encoding	MPEG-1 Layer 2, AC3(2.0)
	Sampling rate	48KHz
	Resolution	24-bit
	Bit-rate	128Kbps,192kbps,256kbps,320kbps,384kbps each channel
Multiplexing	Maximum PID Remapping	180 input per channel
	Function	PID remapping (automatically or manually)
		Accurate PCR adjusting
Generate PSI/ SI table automatically		
Stream output	IP (MPTS/SPTS output over UDP/RTP, 1*100 Base-T Ethernet interface	
System function	Network management(WEB)	
	Chinese and English language	
	Ethernet software upgrade	
Miscellaneous	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

	SFT3542 K-8	SFT3542 K-12	SFT3542 K-24
8CVBS Input	●		
12CVBS Input		●	
24CVBS Input			●