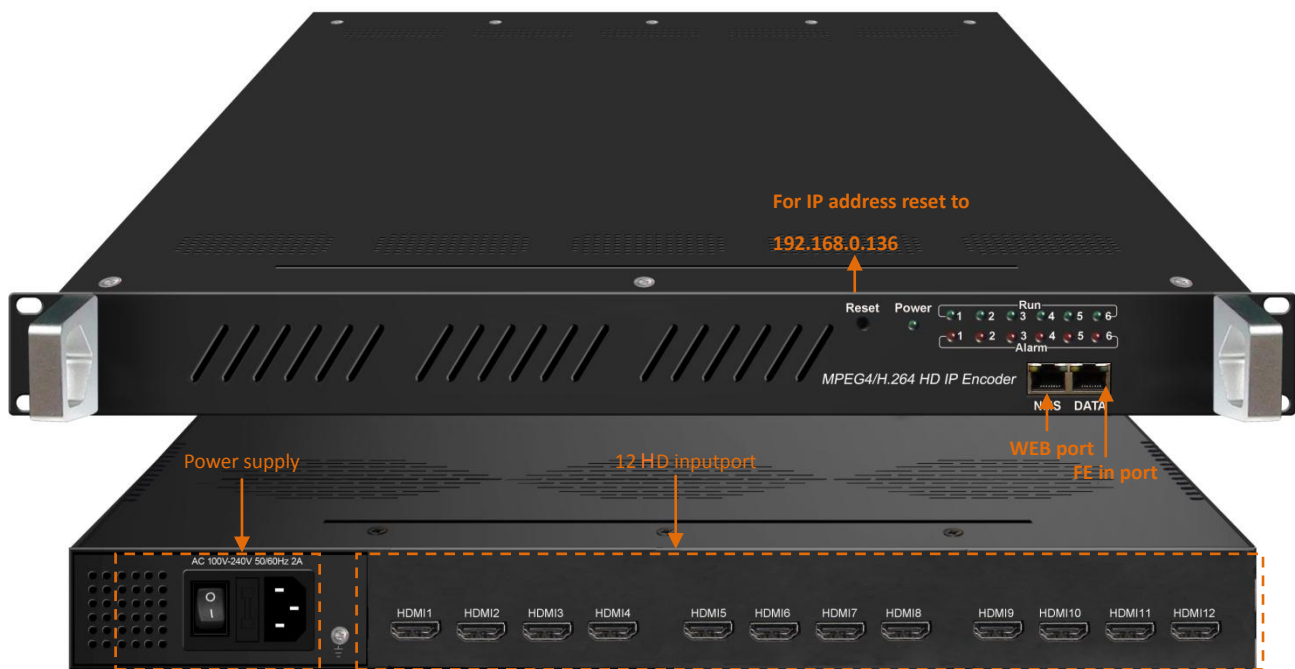


# SOFTTEL®



## SFT 3542L

## MPEG4/H.264 HD IP Encoder



### Product Overview

SFT3542 L MPEG4 AVC/H.264 HD IP Encoder is a professional HD audio & video encoding and multiplexing device. It has 12 HDMI (8/16/24 HDMI optional) video input interfaces, supporting MPEG-4 video encoding and MPEG 1 Layer 2 audio encoding. This device can simultaneously encode 12 channel HD audio & video; moreover, it can multiplex the input TS to generate 128 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.

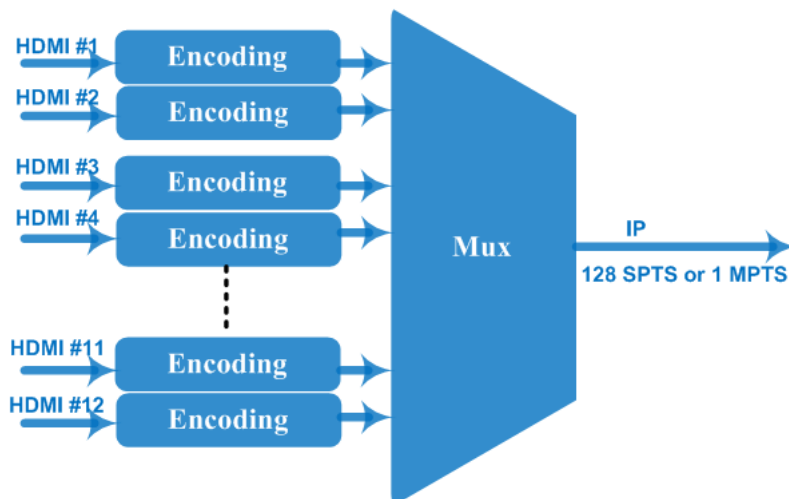
### Key features

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- Support 12 HDMI input
- 128 IP input from DATA1, DATA 2 and DATA3 port over UDP and RTP protocol
- MPEG4 AVC/H.264 video encoding format
- MPEG1 Layer II audio encoding format, **support audio gain adjustment**
- Support 1 MPTS and 128 SPTS IP output from DATA1 GE port over UDP and RTP protocol
- Support accurate PCR adjusting
- 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 HDMI inputs DATA1(GE port)/DATA2(GE port)/DATA3(FE port),RJ45		
<b>Video</b>	Resolution	input	1920×1080_60i, 1280×720_60i, 1920×1080_50i, 1280×720_50i
		output	1920×1080_60i, 1280×720_60i, 1920×1080_50i, 1280×720_50i,720×480_50i,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-4 AVC/H.264	
	Bit-rate	0.8Mbps~19Mbps each channel	
	Rate Control	CBR/VBR	
	GOP Structure	IP...P (P Frame adjustment, without B Frame )	

<b>Audio</b>	Encoding	MPEG-1 Layer 2
	Sampling rate	48KHz
	Resolution	24-bit
	Bit-rate	32kbps,48kbps ,56kbps,64kbps,80kbps,96kbps,112kbps,128Kbps,160kbps,192kbps,224kbps,256kbps,320kbps,384kbps
<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>	128 SPTS IP or 1MPTS output over UDP/RTP, 1*1000 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	70W

### Order Information

	<b>SFT3542 L-8</b>	<b>SFT3542 L-12</b>	<b>SFT3542L -16</b>	<b>SFT3542 L-24</b>
<b>8 HDMI Input</b>	●			
<b>12 HDMI Input</b>		●		
<b>16 HDMI Input</b>			●	
<b>24 HDMI Input</b>				●