

SFT3236S/SFT3244S Multi-Channel Encoder



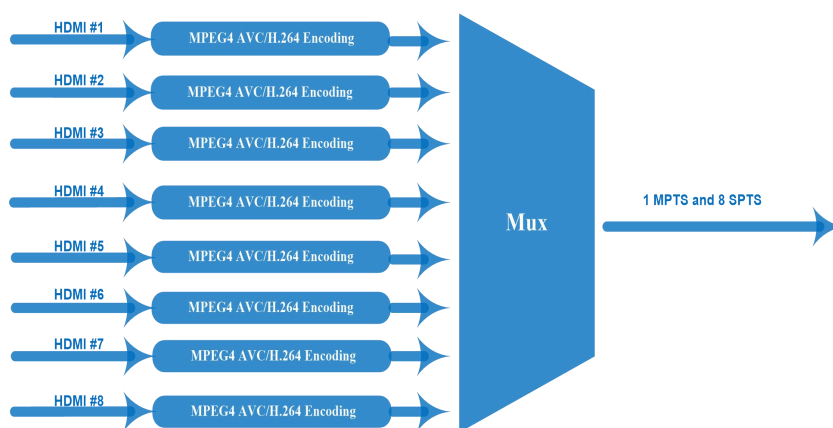
Product Overview

SFT3236S/SFT3244S Multi-Channel encoder is a professional HD/SD audio & video encoding device. It has 16/24 HDMI inputs with very 8 HDMI ports share one encoder module with each module supporting 1*MPTS and 8*SPTS output. Its high integration and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, digital TV broadcasting etc.

Key features

- 16 or 24 HDMI inputs with SPTS and MPTS output (2 or 3 Encoder Modules share the same one NMS port and DATA port)
- MPEG4 AVC/H.264 video encoding format
- MPEG1 Layer II, LC-AAC, HE-AAC audio encoding format and AC3 Pass Through, and audio gain adjustment
- IP output over UDP and RTP/RTSP Protocol
- **Support QR code, LOGO, Caption insertion**
- Support “Null PKT Filter” function
- Control via web management, and easy updates via web

Principle Chart (Each Encoder Module)



Technical specification

Input	16 HDMI inputs (SFT3236S); 24 HDMI inputs (SFT3244S)		
Video	Resolution	input	1920×1080_60P, 1920×1080_60i, 1920×1080_50P, 1920×1080_50i, 1280×720_60P, 1280×720_50P, 720 x 576_50i,720 x 480_60i
		Output	1920×1080_30P, 1920×1080_25P, 1280×720_30P, 1280×720_25P, 720 x 576_25P, 720 x 480_30P
	Encoding	MPEG-4 AVC/H.264	
	Bit-rate	1~20Mbps each channel	
	Rate Control	CBR/VBR	
	GOP Structure	IP...P (P Frame adjustment, without B Frame)	
	Audio	Encoding	MPEG-1 Layer 2, LC-AAC, HE-AAC and AC3 Pass through
Sampling rate		48KHz	
Resolution		24-bit	
Audio Gain		0-255 Adjustable	
MPEG-1 Layer 2 Bit-rate		48/56/64/80/96/112/128/160/192/224/256/320/ 384 kbps	
LC-AAC Bit-rate		48/56/64/80/96/112/128/160/192/224/256/320/ 384 kbps	
HE-AAC Bit-rate		48/56/64/80/96/112/128 kbps	
Stream output	IP output through DATA (GE) over UDP and RTP/RTSP protocol (8 HDMI inputs with 8 SPTS and 1MPTS output for each encoder module)		
System function	Network management (WEB)		
	English language		
	Ethernet software upgrade		
Miscellaneous	Dimension(W×L×H)	440mm×324mm×44mm	
	Environment	0~45℃(work); -20~80℃ (Storage)	
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz	

Order Guide

P/N	Configuration
SFT3236S	16 HDMI inputs
SFT3244S	24 HDMI inputs

Updated Date: 8th Jan, 2021