

## SUNNISKY TRANS264 H.264 IP SD/HD Transcoder

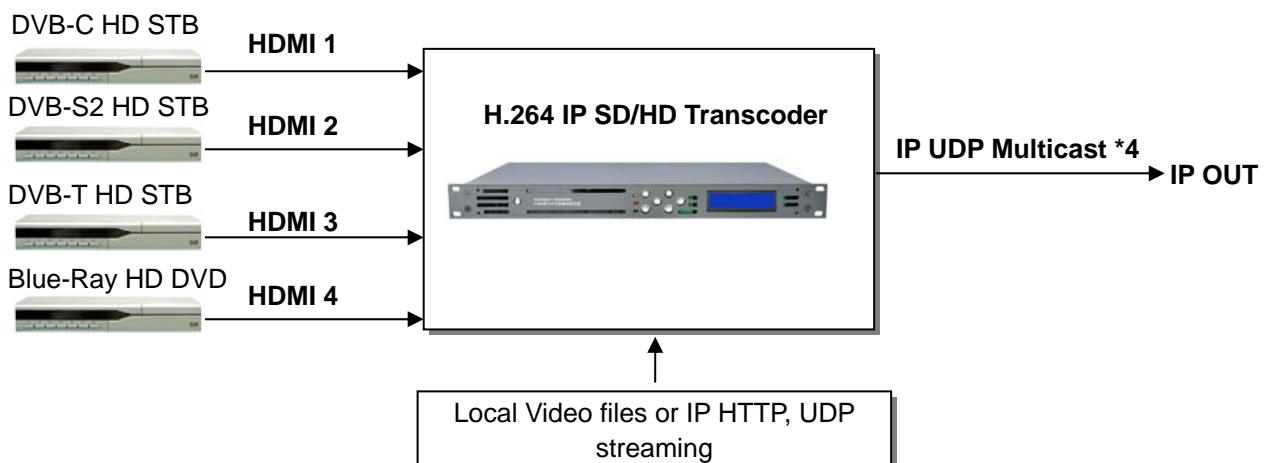
SUNNISKY TRANS264 H.264 IP SD/HD Transcoder could real-time transfer/convert any SD or HD digital video input signal including 6 groups CVBS, or 4 groups HDMI, or 4 groups HD/SD SDI, or 2 groups HDMI (HDCP-encrypted), or 5 UDP IP into 6 (D1 video format)~12 (QSIF video format) UDP IP streams of H.264 format to output with low bit rate (<100-800Kbps) and high image quality. Specially, it is also suitable for the multi-screen application, for example, by aid of one HDMI splitter, it could transcode one TV programs to output the several ways H.264 IP streams with different (low, middle, high) resolutions, which can be suitable for Smart phones, Tablets, PC and Pad screens simultaneously. So, TRANS264 is a cost effective, stable, and the best choice for applications of image remote delivery or IPTV, OTT TV etc.



### Feature

- Support MPEG-2 (MP@ML), H.264(baseline, main, high) video compression standard, and MPEG Audio, AAC, MP3 audio compression standard
- Support UDP (Multicast, Unicast), HTTP, etc. IP protocols
- RJ45 10/100M Base-T Ethernet Interface
- 6 groups CVBS, or 4 groups HDMI, or 4 groups HD/SD SDI, or 2 groups HDMI (HDCP-encrypted), or 5 UDP IP input
- Max. 4 HD (1920\*1080, 1200kbps + 128kbps) or 6 SD (D1: 720\*576, 512kbps + 64kbps) or 12 (QSIF: 176\*144, 200 + 32kbps) UDP IP signal output
- Could transcode Video file which is in storage device of USB
- Real-time monitor on rate of utilization of its CPU
- Real-time monitor its working status and output code rate, etc parameters for every IP UDP output signal
- Transcode for input IPTV stream between SD/HD MPEG-2 and/or SD/HD H.264 to output
- Transcoding automatically once boot
- 1U x 19" chassis
- Friendly operation and control for user
- Support Web remote control and management

### Typical Application 1:



### Typical Application 2:

Digital Multi-function  
DVB-S/S2/C/T/T2 Processor



IP

H.264 IP SD/HD Transcoder



IP UDP Multicast\*6

IP OUT

Local Video files or IP HTTP, UDP streaming

**Typical Application 3:**



AV 1

AV 2

AV 3

AV 4

AV 5

AV 6

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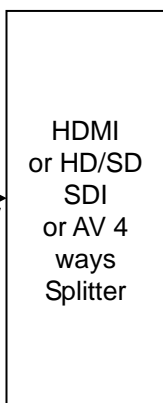
IP UDP Multicast\*6

IP OUT

Local Video files or IP HTTP, UDP streaming

**Typical Application 4:**

One HDMI or HD/SD SDI or AV input signal



Signal 1

Signal 2

Signal 3

Signal 4

H.264 IP SD/HD Transcoder



1 IP UDP Multicast output with HD 1.2~2Mbps code rate for PC, HD IPTV/OTT TV STB, etc.

IP OUT1

1 IP UDP Multicast output with D1 0.8~1.2Mbps code rate for PC, HD/SD IPTV/OTT TV STB, etc.

IP OUT2

1 IP UDP Multicast output with D1 0.5~0.8Mbps code rate for PC, Pad, HD/SD IPTV/OTT TV STB, etc.

IP OUT3

1 IP UDP Multicast output with SIF 0.1~0.3Mbps code rate for smart phone, etc. MID devices.

IP OUT4

**Specification**

<b>Input</b>				
Input Interface	HDMI or IP or AV Capture Source			
	<b>TRANS264-4HD</b>	<b>TRANS264-2HD</b>	<b>TRANS264-IP</b>	<b>TRANS264-6AV</b>
	HDMI*4	HDMI*2 (HDCP)	IP*5 (1 port)	CVBS*6
Transcoding file source	Local Video files or IP HTTP, UDP streaming			
<b>Video/Audio Format for Decoding</b>				
Video Format	MPEG(1/2/4)/H.264(baseline, main, high) , DIVX(1/2/3) WMV			
Audio Format	MPEG Audio , AAC			
Package Format	MPEG-TS			
<b>Output</b>				
<b>IP Output</b>				
Protocol	UDP Multicast and Unicast,HTTP			
Interface	RJ45			
<b>Video/Audio Format for Encoding</b>				
Video Format	MPEG(1/2/4)/H.264(baseline, main, high)			
Audio Format	MPEG Audio, AAC, MP3			
Package Format	MPEG-TS			
Video resolution	User configuration, recommended value: 1920X1080, 1280x720, 720X576, 720X480			
Video frame rate	20fps, 25fps, 30fps			
Video bit rate	User configuration, recommended value: High (1200kbps) , Medium (800kbps) , Low (512kbps)			
Audio sampling rate	44100, 48400Hz			
Audio bit rate	32Kbps, 64Kbps, 128Kbps			
Management	HTTP Web GUI			
<b>General</b>				
Power Consumption	AC 110V~240V, 6A, 47~63Hz, Max.350W			
Operation temperature	5~45 °C			
Storage temperature	-10~65 °C			
Dimension	430mm*335mm*44mm			
Weight	3Kg			

Note: All specifications are subject to change without notice.



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