

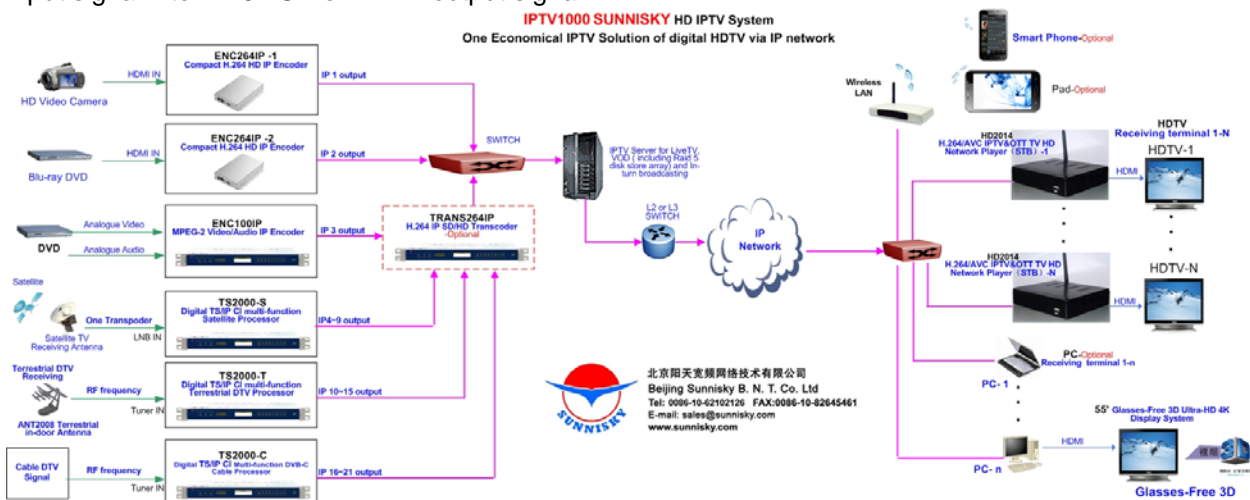
SUNNISKY HD2014 H.264/AVC IPTV&OTT TV HD Network Player (STB)

SUNNISKY HD2014 H.264/AVC IPTV&OTT TV HD Network Player also is an IP-based HD Set-Top-Box with Andriod 4.2 above OS system, which supports MPEG2, WMV9, H.264 HD decoding. It offers enhanced capabilities for IPTV services including LiveTV, VOD, In Turn broadcasting, etc. together with IPTV1000 SUNNISKY HD IPTV system, and value-added functions of video advertisement before broadcasting LiveTV, VOD, and caption advertisement under broadcasting LiveTV, VOD; Specially, by aid of viewing permission's management system the different subscribers with their permission of view will watch the different LiveTV, VOD TV programs. Moreover, it has the rich functions of local video files and internet video (Optional) playing, and Internet access, etc.



For example, in the IPTV1000 SUNNISKY HD IPTV headend system SUNNISKY TS2000 (or TS2000HD)-S2/C/T2 Digital TS&IP multi-function SD (or HD) satellite or cable TV or terrestrial DTV Processor, could receive and process satellite or cable TV or terrestrial DTV programs, and SUNNISKY ENC264IP H.264 HD or SUNNISKY ENC100IP MPEG2 SD IP Encoder could compress and encode HD HDMI signal from HD Blu-ray DVD / HD Video Camera with H.264 standard, or AV signal from DVD with MPEG2 standard, then both output IP signals into IP wideband network; At the receiving terminal, by aid of the decoding and processing from HD2014 H.264/AVC IPTV&OTT TV HD Network Player (STB), subscribers will be able to watch more than several hundred TV programs including LiveTV, VOD (with video and caption advertisement), In Turn TV programs from IPTV1000 SUNNISKY HD IPTV headend system on their HDTV.

Specially, in order to save the bandwidth of IP wideband internet network, SUNNISKY TRANS264 H.264 IP SD/HD Transcoder will be needed, which could real-time transfer/convert any MPEG-2 SD or HD video input signal into H.264 SD or HD IP output signal.



Besides the feature of simply structure, high-efficiency, stability and low-cost, the best feature of this total HD IPTV system including headend system to IP broadcast and terminal devices to IP receive is its flexibility of IP wideband, that is, so long as one place could access the IP Ethernet or Internet wideband network without any other limitation, IPTV1000 SUNNISKY HD IPTV headend system could broadcast the LiveTV, VOD (with video and caption advertisement), In Turn TV programs to IP broadcast in the headend, and play after receiving them by SUNNISKY HD2014 H.264/AVC IPTV&OTT TV HD Network Player (STB), Pad/Smart phone (Optional) and PC (Optional) which has been installed PC2014 H.264/AVC IPTV&OTT TV HD PC Network Player Software. Moreover, it also could promote the value of the operator's network, and increase revenues of advertisement.

It also provides subscribers with more flexible and personalized viewing experience, SUNNISKY HD2014 H.264/AVC IPTV&OTT TV HD Network Player (STB) also could be widely used in the field of digital IP education, digital IP Hotel, PC Digital Media Adapter, IP network digital advertisement release (Digital Signage), real time IP surveillance, and remote SDTV or HDTV transmission via IP wideband network, etc.

Feature

- Based in Android 4.2 above operation system
- 1.6GHz ARM Cortex Dual core chipsets
- Support English, Chinese, etc., multi-linguistic menu
- Support High Definition MPEG-2, H.264 / AVC, etc. real time decoding over Ethernet or Internet
- Support HDTV player, HDMI output with High Definition 1920X1080P
- Provide IPTV services including LiveTV, VOD, In Turn broadcasting, etc. together with IPTV1000 SUNNISKY HD IPTV system, and value-added functions of video advertisement before broadcasting LiveTV, VOD, and caption advertisement under broadcasting LiveTV, VOD
- Support fast forward, rewind, play, pause under VOD playing
- By aid of viewing permission's management system, the different subscribers with their permission to view will watch the different LiveTV, VOD TV programs
- Support Http IP protocol, and UDP/RTP Multicast protocol
- Support MPG, WMV9 (VC1) , TS, FLV, etc. media-streaming formats to HD decode and play
- Support PPPoE, DCHP and Static IP networking protocols
- Support WLAN/LAN and PPPoE broadband Internet cable connection
- Bulit-in WiFi receiving module, and could realize WiFi wireless broadband Ethernet access
- Allow external mobile USB storage devices; And realize local USB content (including movies, TV shows, music, etc.) to HD playback
- Support external mouse and keyboard (not included, Optional) and allow more convenient and smooth operation
- Plug & play, and simple Installation and configuration
- software upgrade by local USB storage device (Optional)
- Support free Internet network video/television and radio station to realize OTT TV service

Specification

System Configure	
Process CPU	1.6GHz ARM Cortex Dual-core A9+ 1080P media+3D GPU
Operating System	Android 4.2.2
Flash Memory	4GB
DDRAM	DDR3 512M
Video Decoding	
Standard	MPEG-1, MPEG-2, MPEG-4,H.263, H.264, AVS, VC-1, RV, VP6/VP8, Sorenson Spark, MVC 1920x1080P 60fps
Video Format	PAL/NTSC
Video Definition	Up to Full HD1080P@60fps
Video Output	CVBS, HDMI
Audio Decoding	
Standard	MP1,MP2,MP3,WMA,WAV,OGG,OGA,APE,FLAC,AAC,M4A,3GPP..., etc. Audio formats; Muliti -EQ mode
Audio Output Modes	Mono/Stereo
Protocol	
Network Protocol	IP, TCP, POP3, DNS, HTTP, DHCP, FTP, NTP, SSL, PPPoE, SMTP, SNMP
IP Protocol	IPv4
Streaming Media Protocol	Http, UDP/RTP, RTSP/RSVP control
Transport Streaming Media protocol	ISMA, TS over UDP, TS over RTP
Application Software	

Picture Format	JPG, JPEG, BMP, GIF, PNG, JFIF..., etc. photo format; Maximum resolution up to 8192x8192
Text Format	TXT, LRC, PDF, Html, Htm, EPUB...,etc. formats (Depends on APK install)
Extend Application	Google Play & other APK install
DLNA, Miracast Protocol	Support
Remote Control	Support Smart phone remote control, 2.4GHz wireless air mouse/Remote controller
SUNNISKY HD IPTV software system	Support LiveTV, VOD, In Turn broadcasting, etc.; value-added functions of video advertisement before broadcasting LiveTV, VOD, and caption advertisement under broadcasting LiveTV, VOD; By aid of viewing permission's management system the different subscribers with their permission to view will watch the different LiveTV, VOD TV programs.
Input/Output Interface	
LAN	RJ45, 10/100M BASE-T
HDMI interface	1*HDMI(C type Female),HDMI1.4A Full HD 1920x1080P
Analogue/digital Video Output	CVBS*1, HDMI*1
Analogue/Digital Audio Output	L/R Stereo, SPDIF(Optional) *1
USB 2.0	USB Host*2
General	
Power Supply	External 5V/2A DC Adaptor, <10W
Net Dimension	145mm×189mm×36mm
Net Weight	2.0Kg

Note: All specifications are subject to change without notice.



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