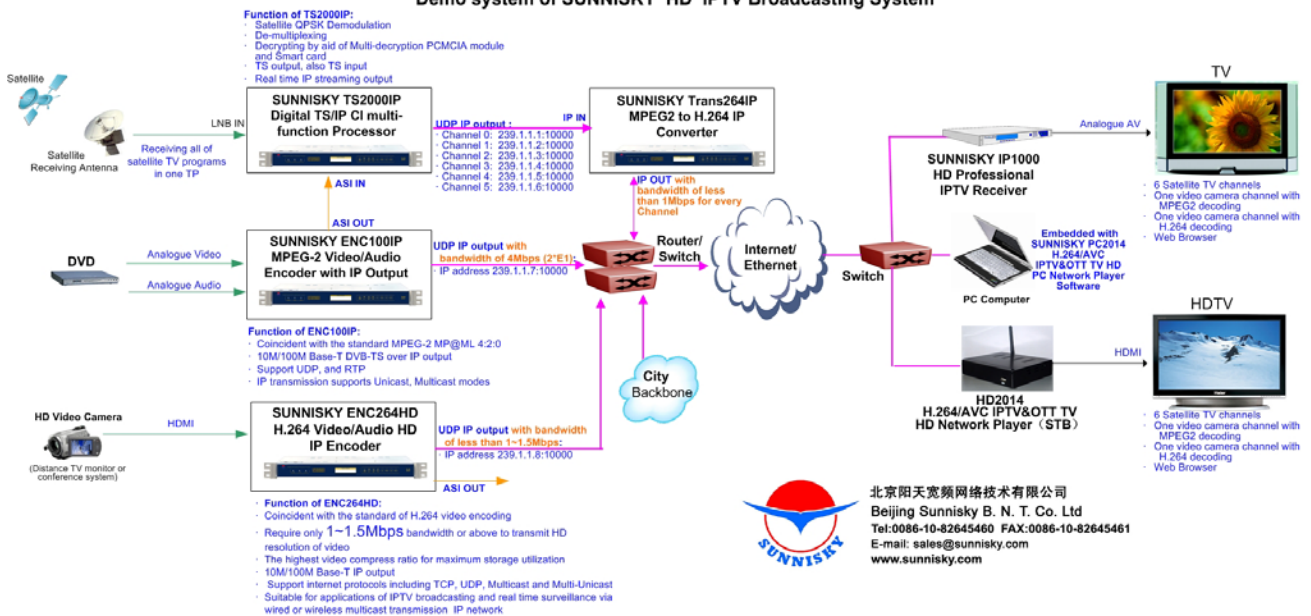# SUNNISKY IP1000 HD Professional IPTV Receiver

With 1RU structure, SUNNISKY IP1000 is one HD professional IPTV receiver IP-based supporting MPEG2, WMV9, H.264 HD decoding. It offers enhanced capabilities for IPTV services including Multicast, VOD and Internet access, etc. It could provide interactive multimedia services to subscribers of wide-band IP network, thereby could promote the value of the operator's network, increase revenues. It also provides subscriber with more flexible and personalized viewing experience.

Together with SUNNISKY TS2000HD Digital TS&IP multi-function Processor in the headend, SUNNISKY IP1000 also could be widely used in the field of digital headend of IP network education, PC Digital Media Adapter, IP HDTV Multicasting, network digital advertisement release with real time video, etc.

Demo system of SUNNISKY HD IPTV Broadcasting System

Feature

- Support High Definition MPEG-2, H.264 / AVC, WMV9 real time decoding over Ethernet or Internet
- Support lots of IPTV applications including BTV, VOD, web browser etc.
- Supports PPPoE (Optional), DHCP and static IP (Optional)
- Support HTML, Java-Script and Cookies (Optional)
- video playing and Web page browsing working status; and video playing status further includes the VOD status and the live broadcast status
- Maximum bandwidth efficiencies
- Flexible video and audio output ports
- Support UDP/RTP Multicast
- 500 Channels (IP addresses)
- Plug & play, and simple Installation and configuration
- Remote management and online software upgrade(Optional)
- Fully compatible with opened International Protocol
- Friendly API, and easy Integration, also support lots of development for extension applications
- Support lots of video Server, middleware and content protect solutions
- Game play based JVM (Optional) and Flash 6.0 (Optional)
- 1RU structure
- SDI output (Optional)
- Operate by aid of RCU and remote control PC (Optional)
- Macrovision copy protection (Optional)

- Smart Card Slot (ISO7816) (Optional)
- Automatically restored after power failure

Specification

System Configure	
Process CPU	MIPS with MPEG Decoder 300MIPS
Operating System/Server	Linux
SDRAM	8MB up to 32 MB
Flash	64MB up to 256MB
Video Decoding	
Video decoding standard	MPEG2 MP@HL: Max.10Mbps; H.264/AVC MP HP: Max. L4.1; WMV9 (VC-1 AP@) L3, simple and Main Profile
Video format output	PAL/NTSC
Aspect ration	4:3, 16:9 auto detection
Definition	480i, 480p, 576i, 576p,720p or 1080i
Video output	CVBS, S-Video, YUV, HDMI
Audio Decoding	
Audio decoding standard	MPEG (Layer1,2), MP3, AAC, WMA
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	Multicast IPTV: IGMP VOD: RTSP/RSVP control Microsoft windows Media Server: RTSP
Transport Streaming Media protocol	ISMA, TS over UDP, TS over RTP
Input/Output Interface	
LAN	RJ45, 10/100M BASE-T*2
HDMI	Yes
Analogue/digital Video output	CVBS*1, S-Video*1, YUV*1, HDMI*1
Analogue/Digital Audio output	L/R Stereo, SPDIF(Optional)
USB 2.0	Yes
SDI embedded audio output (optional)	
Connector	BNC, 75Ω
Application software	
Embedded Browser	HTML4.0, JavaScript 1.5 Picture formats: GIF, JPEG, BMP, PNG, etc. Multi-Language support
Work together with variety of Video Servers, Support VCR control and Trick-play function; Support a range of middleware and content protect solutions Support several PID provided Support JavaScript-based network games Support remote configuration and diagnosis Support Online Software Upgrade Support IP multicast filter	
General	
Power supply	SMPS, 90V~240V AC @ 50Hz~60Hz, 10W
Dimension	483mm×440mm×45mm
Weight	2.0Kg

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Note: All specifications are subject to change without notice.