

Dexin HD IPTV Set Top Box



- ◆ **Android 7.1.2**
- ◆ **HDMI 2.0**
- ◆ **Low Cost**
- ◆ **Personalized User Interface (Hotel/Hospital/Community...)**
- ◆ **Advertisement System (ADS) Imbedded**

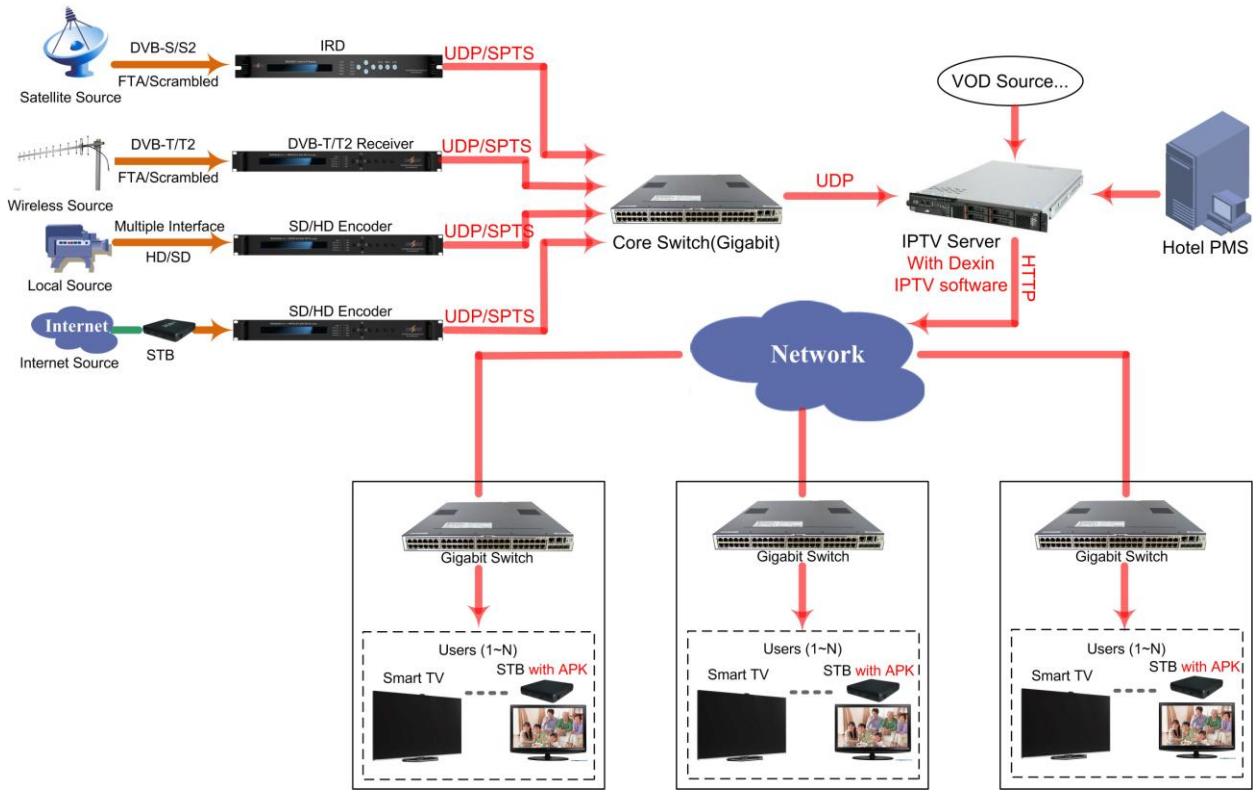
Specifications

Hardware	CPU	RK3229, 28nm Quad core Cortex A7, High cost performance 4K OTT Box solution
	GPU	ARM Mali-400 GPU
	HDMI	Including an HDMI 2.0 for HDMI 2.0 for 4K YUV420@60Hz with HDCP 1.4/2.2
		Support 4K 10-bit H.265/H.264/VP9 video playback and display
	Memory	1GB DDRIII
	Flash	8GB Nand Flash
	WiFi	2.4G, 802.11 b/g/n,
	Wired network	Ethernet GMAC 10/100/100M Ethernet controller
		Support 10/100/1000 data transfer rate and RGMII interface
		Support 10/100Mbps data transfer rate and RGMII interface
IR	Infra Remote control	
Power Supply	DC input 5V/2A	
Software	OS	Android 7.1
	3D	Hardward 3D graphics acceleration
	Video decoding	4K VP9 Video decoder, 4K 10-bits H.265/H.264 video decoder
		1080P other video decoders (VC-1, MPEG-1/2/4, VP6/8)
		Support conversion from BT.2020 to Rec.709/Rec.601
		Video post processor: de-interlace
		H.263/H.264 2160P@ 24fps VC-1 ,MPEG - 1 1080p @ 60fps MPEG- 2 2160P @ 24fps MPEG-4 1080P @ 60fps AVS 1080p @ 60fps MVC 2160P @ 24fps WMV,3GP,MKV,ASF,3G2M4V,MJPEG,RV8,RV9,RV10 1080P@60fps
		Support HEVC decoder
		Support Main/Main10 HEVC/H.265 decoder, 4K @ 60FPS
		Support 4096x2304 resolution
		Support HDMI 720P-2160P FUII 3D HD(2160P, 3840 * 2160), 4K+2 K
		Support flash11.1
Video Decoder	H.264,H.265,VP8,MVC(1080P)	

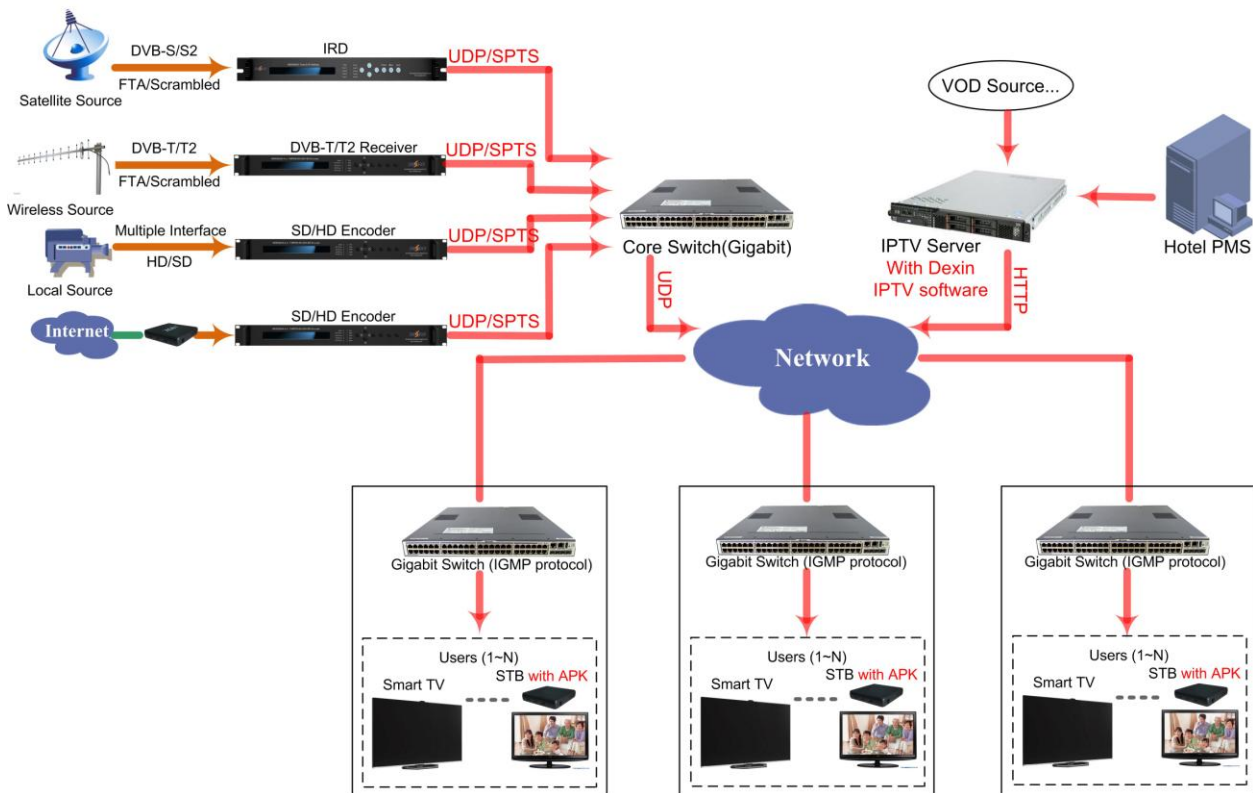
	format	
	Video format	Supports DIVD/DIVX/REAL8 / 9 / 10, RV, RM, RMVB, PMP, FLV, MP4, M4V, VOB, VP6, VP8 2160P @ 24fps
	Audio format	Supports MP1, MP2, MP3, WMA, OGG, AAC, M4A , FLAC, APE, AMR, RA, WAV, etc
	Picture format	Supports JPG, JPEG, BMP, GIF, PNG, JFIF etc Resolution 8192x8192
	HDD file system	FAT16 / FAT32 / NTFS
	Support Subtitle	SRT, SMI, SUB, SSA, IDX+USB
	XBMC/KODI	Support
	DRM	Widewine Level1, DRM PlayReady ,Verimatrix, built in Trustzone, HDCP 2.2/1.4
	Support language	Chinese, English, Germany, Japanese, Korea etc. multilateral languages
Stream In/Out	1*HDMI 2.0	Built-in HDMI 2.0 transmitter including both controller and PHY with CEC and HDCP, 4K @ 60FPS max resolution output
	1* SD Card	to 64GB
	4*USB HOST	2High speed USB 2.0,support USB DISK and USB HDD
	1*SPDIF	SPDIF output
	1*RJ45	Ethernet:10/100M, standard RJ-45
	1*Power input	5V/2A
	Accessories	Gift box Power charger adapter HDMI cable (optional) IR remote control (optional) User's Manual
Applications	Online	Browse all video websites, support Netflix, Hulu, Flixster, youtube etc
	Apps	Apps download freely form android market, amazon appstore etc
	Medium	Local Media playback, support HDD, U disk ,SD card
	Talk online	Support SKYPE video call, MSN, facebook, twitter, QQ etc
	Others	Support WiFi hotpiont, could be as a wireless router Support DLNA, Google TV Remote, LAN, 3D Moive, Email, office suit etc
Packing	Dimension	118*118*25 mm
	Approx weight	400g

System Construction

Live/VOD programs Unicast(HTTP)






Live/VOD Programs Multicast(UDP)



Advantages

Personalized EPG Interface

		
Function List: Live VOD Hotel Intro Dining Sceneries Housekeeping APPS Checking out	Live VOD, Timeshift Medical Guide Clinical Course Doctor Intro Phone APPS	Live VOD Timeshift Phone APPS

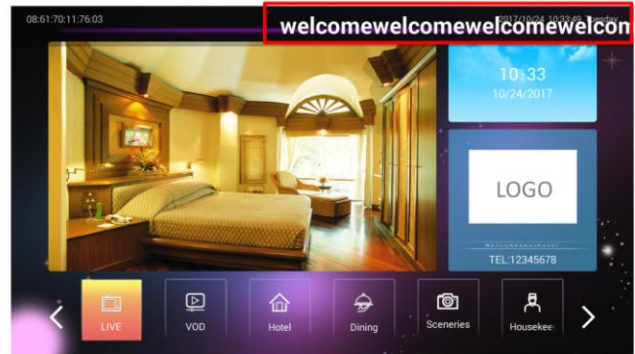
- Personalized EPG interface for hotel, hospital, Community and other industries.
- System wallpaper is changeable and EPG content is editable.
- Various business modes blend in IPTV system
- Support modular interface and convenient to docking with third part manage software

Advertisement System—Value added Services

Booting Ad



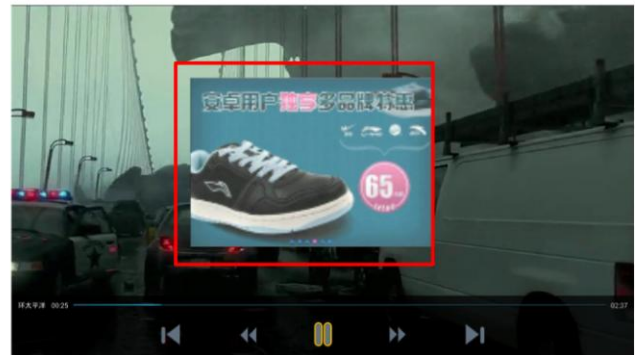
Home-Text Ad



Live-Menu Ad

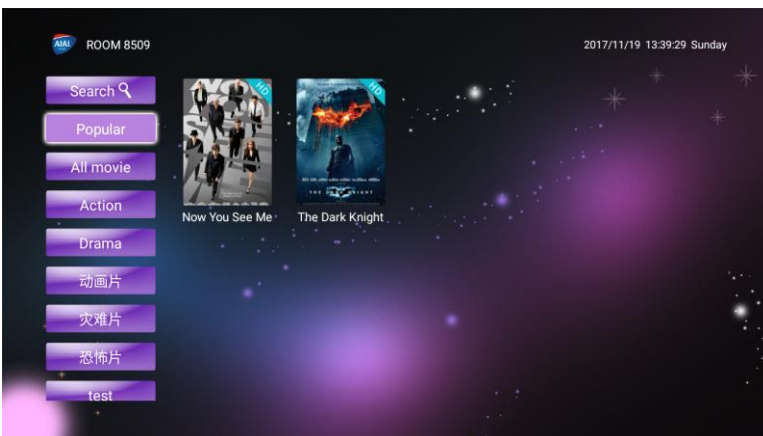


VOD-Pause Ad



- Hotel, hospital and community version can support set up advertisement business to increase revenues.
- Ad modes include booting ad, Menu ad (only for hospital and community version), VOD ad, pictures and text ad etc.

Mass HD Programs



- ◆ 1080P/60Hz full HD video
- ◆ Mass resource of Video on Demand including movies, entertainments, factual shows and etc
- ◆ Live programs synchronized broadcast

Strength and After-sale Services



- Dexin IPTV system is with solid quality based on Dexin's own DTV head-end equipment
- The whole system is self research and developed, which makes it easy for the after-sale maintenances
- Skilled after-sale supporting team