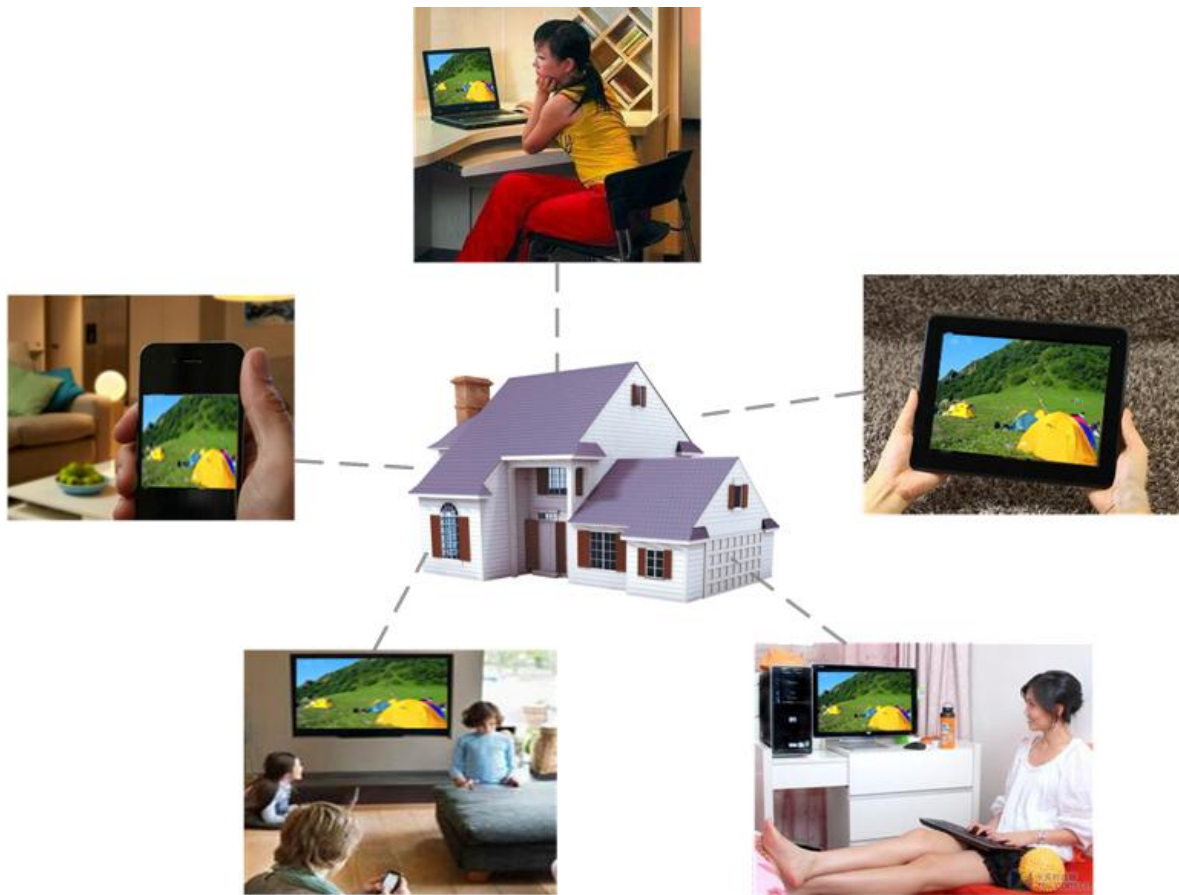


- **NDS3558A is Easy to Setup**
- **Watch and control your live and recorded TV shows anywhere, anytime**
- **HLS Protocol supporting 6-10 Apple terminals simultaneously running as per different resolution and bit rate setting**
- **USB port for TS recording and playing back, increase signal source option**
- **HDMI/YPbPr/S-Video/AV/USB input**
- **IP Output over UDP (Unicast/multicast), RTP/RTSP, HTTP, HLS**
- **Absolutely no monthly fees**



## Typical Application



## General Description

NDS3558A network encoder is an encoding device for IP broadcasting. The signals source could be from STB, PC, TV and etc. It can transfer the live program through the internet/LAN, and the output signals are to be received by PC, phone and other mobile terminals. Dexin NDS3558A lets you access your IP STB, PC or TV anywhere to watch your programs. Whether you are in your house or across the globe, you'll never miss a game or your favorite show.

The device supports HDMI/YPbPr/S-Video/AV/USB input and encodes in MPEG 4 AVC/H.264 format, after that, it gives the IP signal output over UDP (multicast), RTP/RTSP, HTTP, and HLS.

The USB port is designed to record and save the encoded video (TS) in ts files in the USB Keys or Hard Disks and play it back through IP out to increase your content options.



# USB Recorder & Player



### TS Recorder and Save:

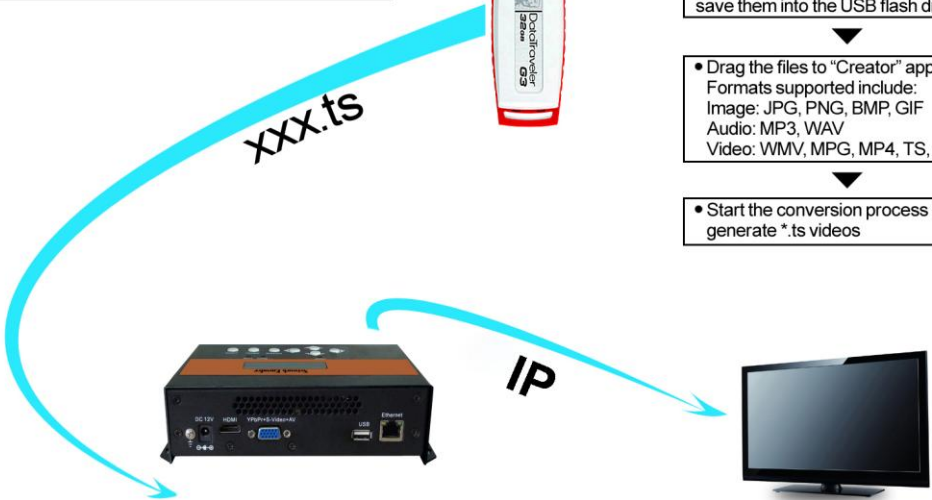
NDS3558A can encode the source video to \*.ts files and save them through the USB flash drive.

- Connect the signal source to NDS3558A and start encoding process.
- Start the record process and save the TS generated to the USB flash drive.

### \*.ts Video Creation Software:

Users can also create \*.ts videos containing pictures, videos and music with our creator software on a PC and save them into the USB flash drive.

- Drag the files to "Creator" application. Formats supported include:  
Image: JPG, PNG, BMP, GIF  
Audio: MP3, WAV  
Video: WMV, MPG, MP4, TS, AVI...
- Start the conversion process to generate \*.ts videos



### TS Playback:

- Insert the USB flash drive with \*.ts videos in NDS3558A and play back the content in an easy way.
- A single video can be up to 2G in size and multi videos can be played on a loop.



USB Flash Drive Specifications Required:

- Standard: High Speed 2.0
- File System: FAT 32
- Memory: 32G is suggested

## Specifications

Encoder Section	HDMI input	Video	Resolution	1920x1080_60p, 1920x1080_50p 1920x1080_60i, 1920x1080_50i 1280x720_60p, 1280x720_50p
			Encoding	MPEG-4 AVC/H.264
			Bit rate	1Mbps~19Mbps

	YPbPr/CVBS/S-Video (with an adapter to VGA)	Audio	Encoding	MPEG1 Layer II, MPEG2-AAC, MPEG4-AAC
			Sampling rate	48KHz
			Bitrate	64, 96, 128, 192, 256, 320, 384kbps
		Video	Encoding	MPEG-4 AVC/H.264
			Interface	CVBS *1, YPbPr*1, S-Video*1
			Resolution	<b>CVBS &amp; S-Video:</b> 720x576_50i (PAL); 720x480_60i (NTSC) <b>YPbPr:</b> 1920*1080_60i, 1920*1080_50i; 1280*720_60p, 1280*720_50P
	Audio	Bit rate	1Mbps~19Mbps	
		Encoding	MPEG1 Layer II, MPEG2-AAC, MPEG4-AAC	
		Interface	1*Stereo /2*mono	
		Sample rate	48KHz	
		Bit rate	64, 96,128, 192, 256, 320, 384kbps	
<b>Stream out</b>	IP out over UDP (Unicast/multicast), RTP/RTSP, HTTP, HLS (RJ45, 1000M)			
<b>System</b>	Local control	LCD + control buttons		
	Remote control	Web-server NMS		
	Language	Chinese-English control interface		
	Upgrade	USB/Web-server		
<b>General</b>	Approx weight	≤1Kg		
	Operation temperature	0~45°C		
	Power supply	DC12V		
	Dimensions	183*110*45mm		

## More System Connection Samples

