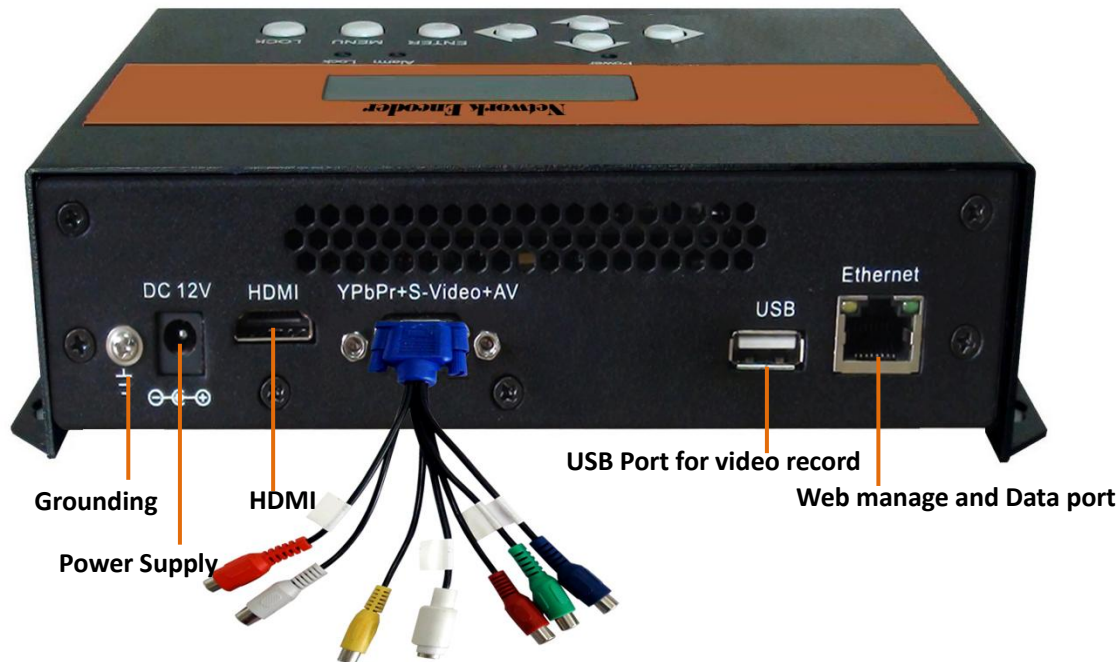




General Description

NDS3558A network encoder is an encoding device for high-end IP broadcasting. It can transfer the live program through the internet/LAN and it can be received by IP STB, PC and etc. It support HDMI/YPbPr/S-Video/AV input and encodes in MPEG 4 AVC/H.264 format, after that, it give the IP signal output over UDP (multicast), RTP/RTSP, HTTP, HLS. The device can direct broadcasting or transmission over a network or the internet.

The USB port is designed to record encoded video (TS) and save it in ts files in the USB Keys or Hard Disks.

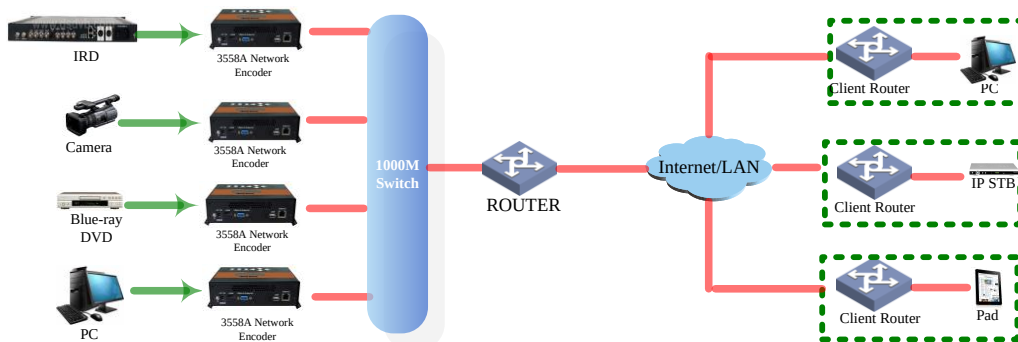
Key Features

- Support HDMI/YPbPr/S-Video/AV input
- Support H.264/AVC video encoding
- Support MPEG1 Layer 2, MPEG-2 AAC, MPEG-4 AAC audio encoding
- Enhanced USB function: more stable and compatible with Hard Disks and USB Keys of various brand
- Support IP Output over **UDP(Unicast/multicast), RTP/RTSP, HTTP, HLS**
- Easy operation with LCD + control buttons, and Web-server management

Specifications

Encoder Section	HDMI input	Video	Resolution	1920x1080_60p, 1920x1080_50p 1920x1080_60i, 1920x1080_50i 1280x720_60p, 1280x720_50p 720x576_50i, 720x480_60i
			Encoding	MPEG-4 AVC/H.264
			Bit rate	1Mbps~8Mbps
		Audio	Encoding	MPEG1 Layer II, MPEG2-AAC, MPEG4-AAC
			Sampling rate	48KHz
			Bitrate	64, 96, 128, 192, 256, 320, 384kbps
	YPbPr/CVBS/S-Video (with an adapter to VGA)	Video	Encoding	MPEG-4 AVC/H.264
			Interface	CVBS *1, YPbPr*1, S-Video*1
			Resolution	CVBS & S-Video: 720x576_50i (PAL); 720x480_60i (NTSC) YPbPr: 1920*1080_60i, 1920*1080_50i; 1280*720_60p, 1280*720_50P
			Bit rate	1Mbps~8Mbps
		Audio	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
Stream output	IP out over UDP(Unicast/multicast), RTP/RTSP, HTTP, HLS (RJ45, 1000M)			
System	Local control	LCD + control buttons		
	Remote control	Web NMS		
	Language	Chinese-English control interface		
	Upgrade	Web-server		
General	Approx weight	≤1Kg		
	Operation temperature	0~45℃		
	Power supply	DC12V		
	Dimensions	183*110*45mm		

System Connection sample



IP Output over RTP/RTSP,HTTP, HLS--- Transfer through internet
 IP Output over UDP (Unicast/multicast)---Transfer through LAN



USB Recoder



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.

xxx.ts videos



USB Flash Drive Specifications Required: High Speed 2.0/3.0; File System FAT32



All the specifications are subject to change without any further notice. All rights reserved.

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