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FUTV4658A HDMI MPEG 4 AVC/H.264 SD/HD

Network Encoder

(HDMI in, IP-UDP (multicast) through Internet,
RTP/RTSP/HTTP/RTMP/HLS through LAN out)
with USB Record and Web-server Management

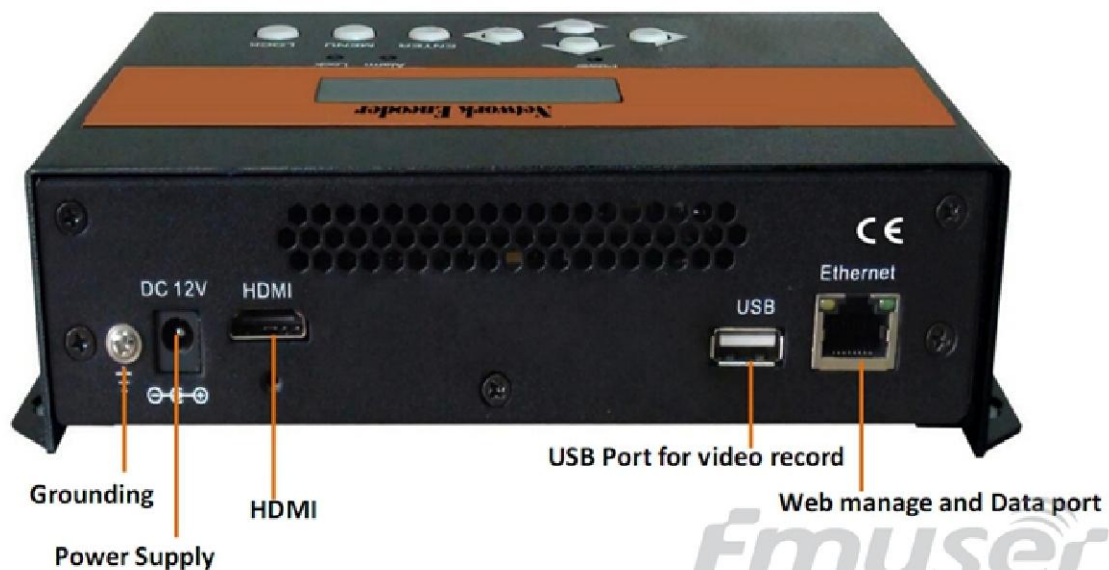
Specification



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Overview

FUTV4658A 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 Media Server as well as IP STB. It support HDMI SD/HD input and encodes in MPEG 4 AVC/H.264 format, after that, it give the IP signal output over UDP (multicast),RTP/RTSP,HTTP,RTMP (HLS underdevelopment). For direct broadcasting or transmission over a network or the internet, the output of FUTV4658A can work as Media Encoder and data can be easily encoded into web-based video.





USB Recorder



TS Recorder and Save:

FUTV4658A can encode the source video to *.ts files and save them through the USB flash drive.

- Connect the signal source to FUTV4658A and start encoding process.

- Start the record process and save the TS generated to the USB flash drive.

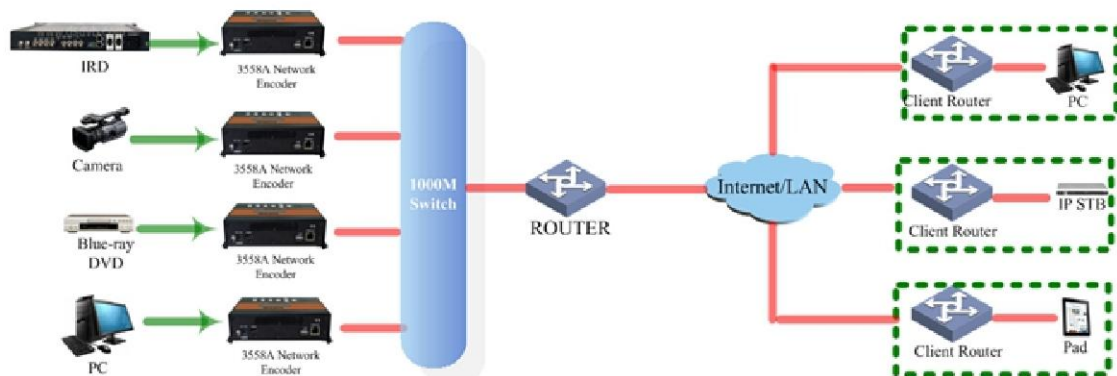


USB Flash Drive Specifications Required: High Speed 2.0/3.0; File System FAT32

Key Features

- * Support HDMI 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(multicast), RTP/RTSP, HTTP, HLS**
- * Easy operation with LCD + control buttons, and Web-server management

Principle Chart



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

Technical Specifications

Input	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~8Mbps		
Audio	Encoding	MPEG-1 Layer 2, MPEG-2 AAC, MPEG 4-AAC		
	Sampling rate	48KHz		
	Bitrate	MPEG-1 Layer 2	64, 96, 128, 192, 256, 320, 384kbps	
		MPEG 2-AAC	128, 192, 256, 320, 384kbps	
MPEG 4-AAC		64, 96, 128, 256kbps		
Stream output	IP out over UDP(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	0~45C		
	Power supply	DC12V		
	Dimensions	183*110*45mm		