

HDencoder 23

2/HDMI



Dedicated encoder with built-in Network PVR

For delivering live and recorded video across your network

A compact 1U appliance used to broadcast local HD feeds such as video cameras, digital signage and computer screens, either as a standalone encoder or part of a larger Encoded Media TV Server system.

Capable of automated recording, archiving and uploading of content; can be remotely managed and monitored by a simple to use web browser interface or integrated with room control systems.

Inputs

- ☑ HDMI (up to 1080p) x 2
- ☑ Auxiliary audio line-in

Output

- ☑ MPEG-TS UDP multicast
- ☑ RTSP unicast (up to 150 connections)
- ☑ MP4 and WMV recordings

Recorder (NPVR)

- ☑ Fully automated recording (MP4, WMV)

Video on Demand

☑ RTSP video on demand server

Transcoding Engine

- ☑ Live recompression to lower bitrates
- ☑ Codec conversion video and audio
- ☑ Automatic content uploading

Middleware Server

- ☑ Drive set-top boxes, PCs and Macs
- ☑ Access control

Management

- ☑ Web based administration interface
- ☑ Remote monitoring with IPTV Manager

Integration

☑ IP based control for e.g. Crestron, AMX

For Enterprise

- ☑ DHCP server
- ☑ Dual LAN



Encoded Media HD Encoder 2/HDMI is a small, self contained, multipurpose hardware appliance that takes two HDMI sources - for example, a video camera and a laptop or digital signage boxes - and makes them available to others on your network. Its 500GB internal storage allows it to record continuously, via schedule, or through IP room control.

You can watch live and recorded streams anywhere using just a standard web browser. Streams are automatically converted to cater for different audiences, such as tablet and smartphone users.

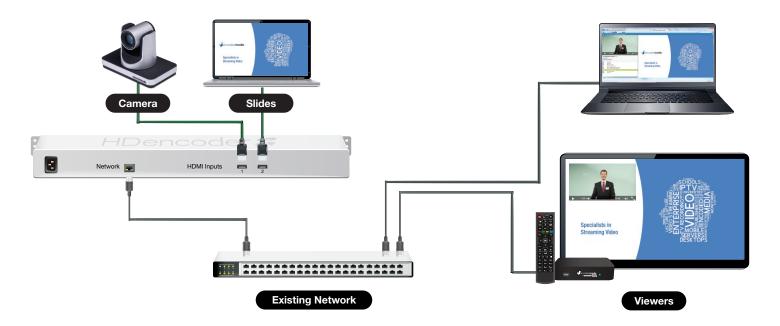
Example HD Encoder Applications

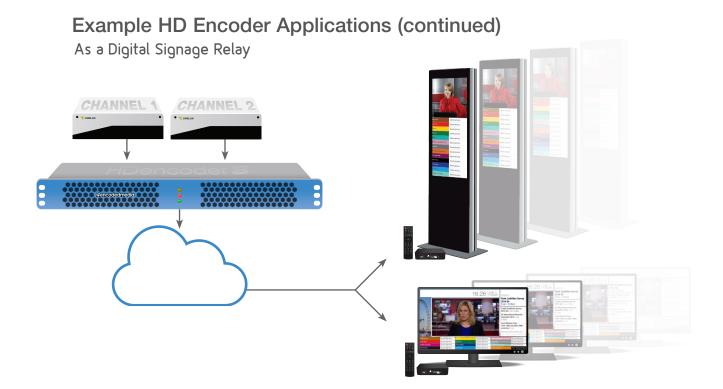
For Presentations



The HD Encoder 2/HDMI can be used as a standalone presentation capture system that encodes video and slides, streams them across the network, and records them for on demand viewing. The video and slides are recorded independently as high quality H.264 MP4 files up to 1080p and can be uploaded automatically to a NAS or other network storage, where it can be integrated with Encoded Media Video Library.

The built in transcoding engine will automatically make lower bandwidth versions available for mobile devices, keeping the full resolution versions for later archival or offline editing.

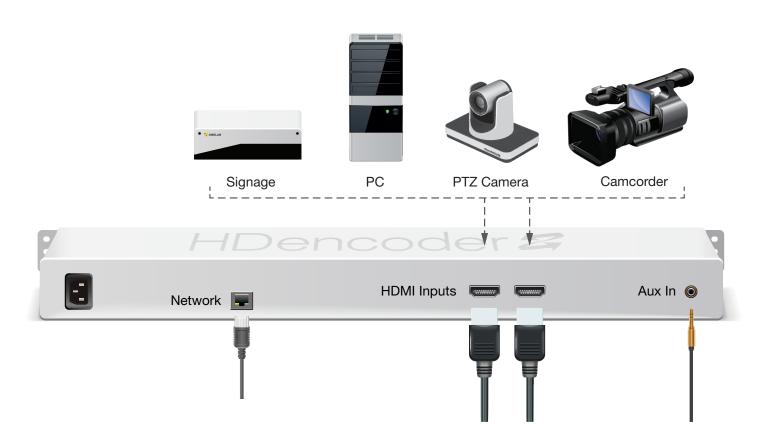




Encode and stream digital signage as channels across your network. Connect the HDMI output of your signage players to the HD Encoder 2/HDMI and create full quality 720p or 1080p HD channels that can be received by lower cost endpoints such as Encoded Media's IPTV 250m set-top box. The IPTV 250m comes with an infrared remote, allowing easy control of signage channels, volume and power.

Streams can be configured as RTSP unicast or network efficient multicast, allowing you to deliver to an unlimited number of endpoints without impacting network traffic.





Technical Specification

Storage

Protocols

Input HDMI x 2 Output MP2, MP4 and WMV

3.5mm stereo mini jack x 1 0.1-25 Mbps Up to 1080p30

500GB 16:9/4:3

MPEG-2 Transport Stream
RTSP, UDP, IP multicast
IP dynamic/static unicast

Network

DHCP or static IP address
10/100/1000 Mbps Ethernet

IGMP Dimensions 1U 482 mm x 290 mm x 45 mm

SAP (excluding connectors); 4.6 kg

Power 100~240 V, 50/60 Hz Management HTTP, SSH, Telnet, EMControl

IEC C14 inlet 100W, 350BTU/hr Operating temp. 4°C to 40°C

Encoded Media are the UK's experts in Video and IPTV software. Our products are used daily by FTSE 100 clients in the corporate, financial and legal arenas. Visit encodedmedia.com for more information.



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