



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)
- ☒ 500GB local storage (~150 hours)

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

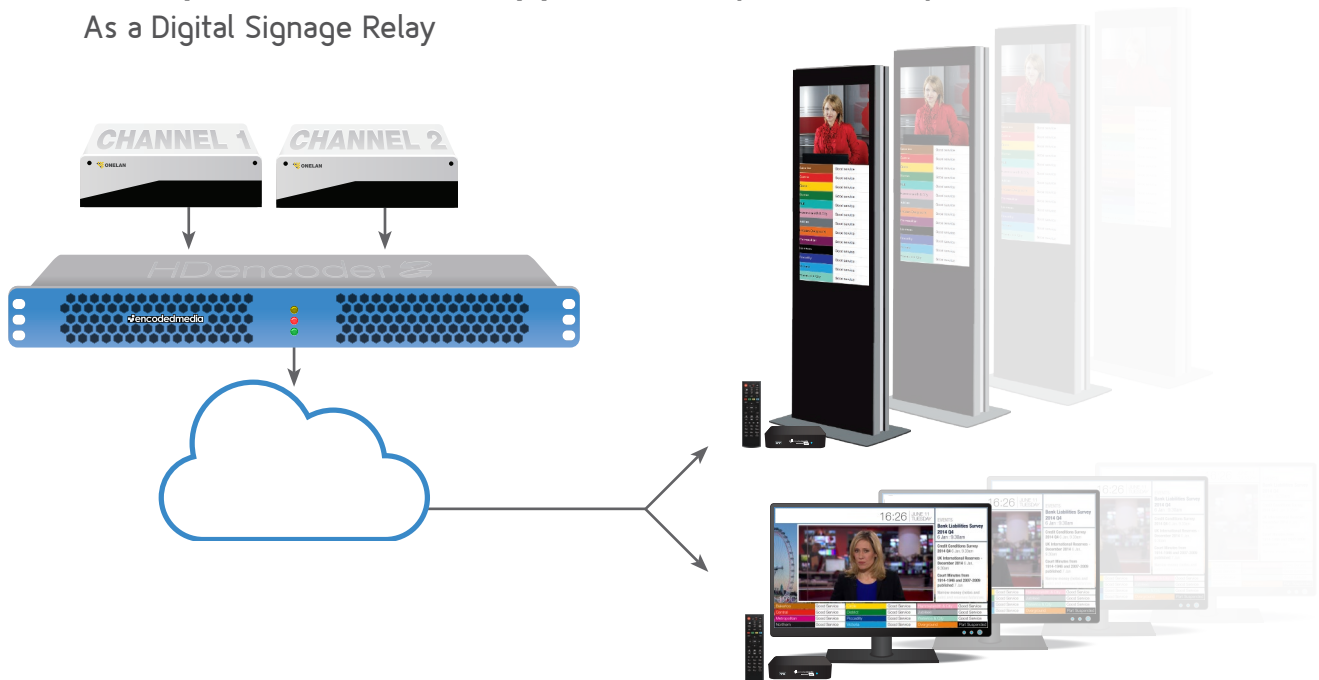
For Enterprise

- ☒ 1U short depth
- ☒ DHCP server
- ☒ Dual LAN



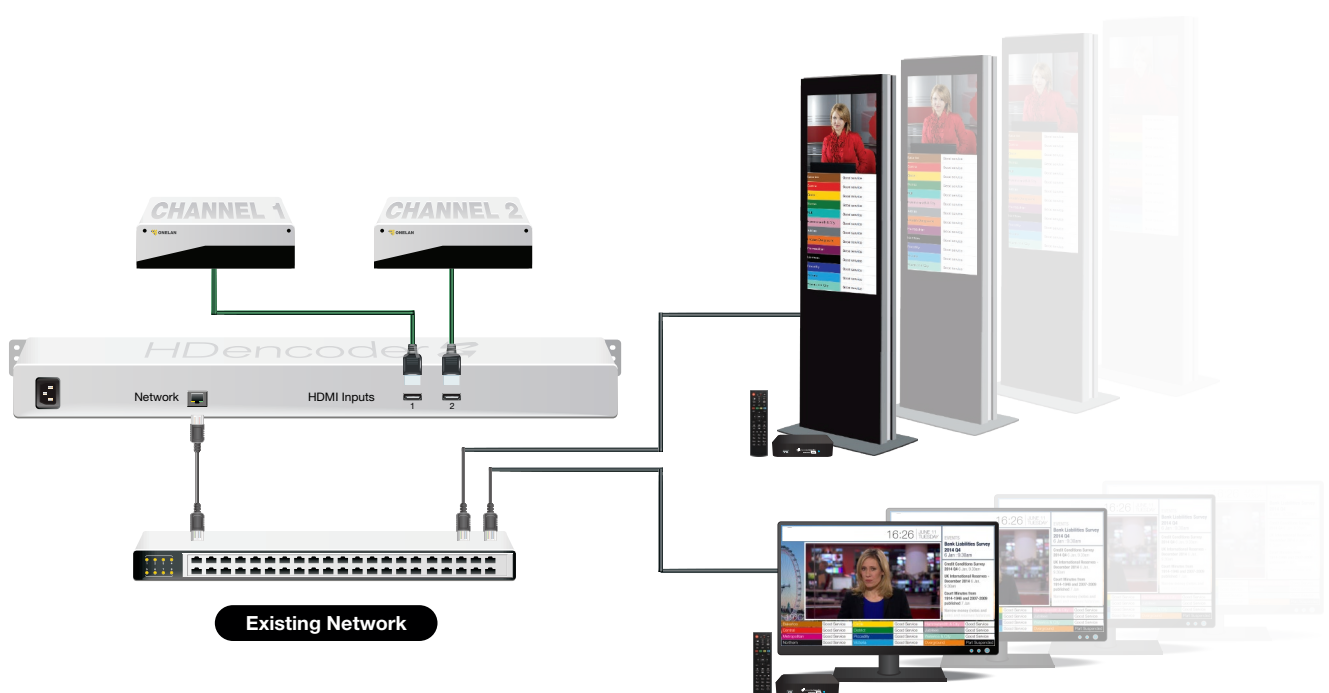
Example HD Encoder Applications (continued)

As a Digital Signage Relay

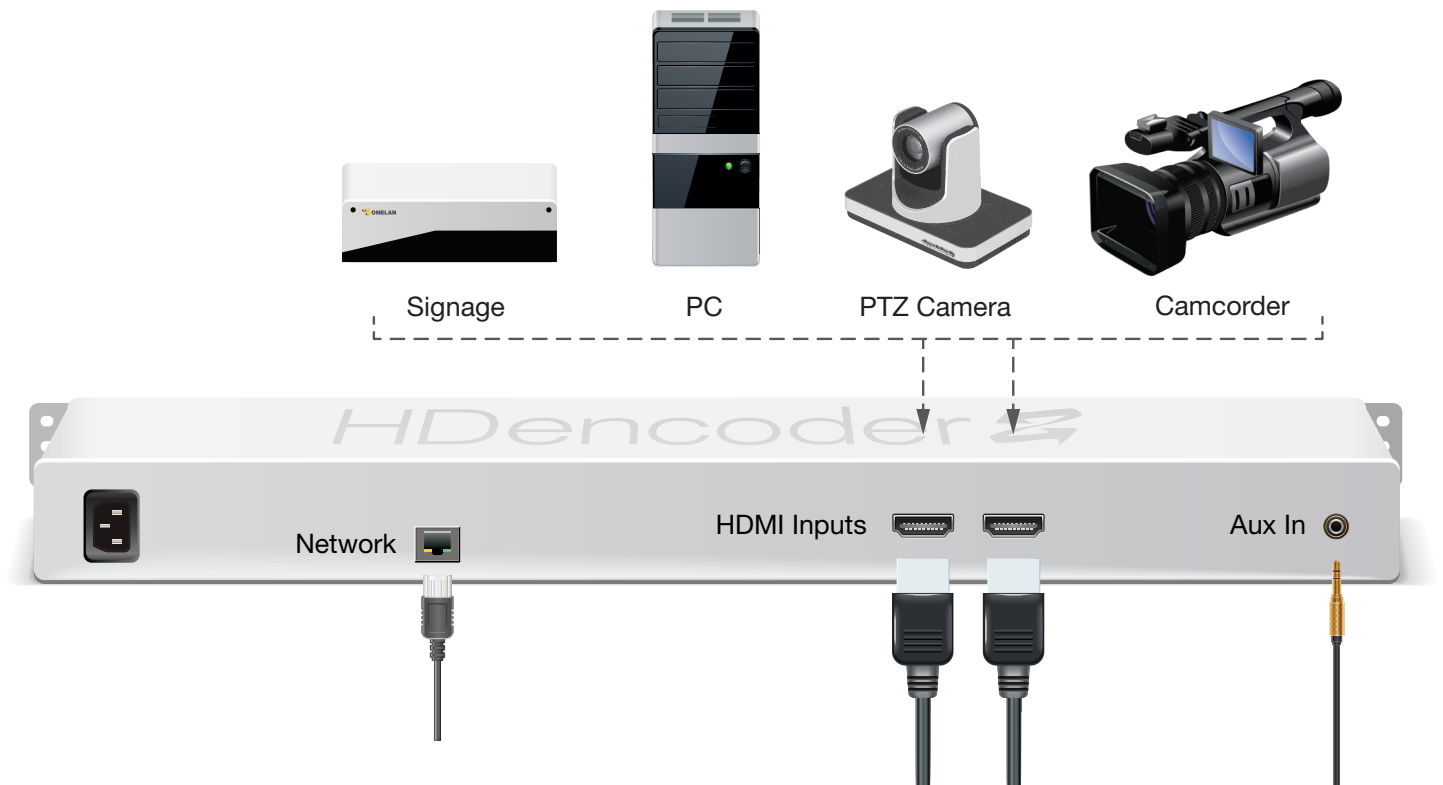


Encode and stream digital signage as channels across your network. Connect the HDMI output of your signage players to the HD Encoder 2/HDMI and create full quality 720p or 1080p HD channels that can be received by lower cost endpoints such as Encoded Media's IPTV 250m set-top box. The IPTV 250m comes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



HD Encoder 2/HDMI



Technical Specification

Input	HDMI x 2 3.5mm stereo mini jack x 1
Storage	500GB
Protocols	MPEG-2 Transport Stream RTSP, UDP, IP multicast IP dynamic/static unicast IGMP SAP
Power	100~240 V, 50/60 Hz IEC C14 inlet 100W, 350BTU/hr

Output	MP2, MP4 and WMV 0.1-25 Mbps Up to 1080p30 16:9/4:3
Network	DHCP or static IP address 10/100/1000 Mbps Ethernet
Dimensions	1U 482 mm x 290 mm x 45 mm (excluding connectors); 4.6 kg
Management	HTTP, SSH, Telnet, EMControl
Operating temp.	4°C to 40°C

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