

IP Television Headend

> MPEG-2/4 Encoder for Television over IP (772)

The MediaStar Evolution 772 Encoder converts analogue video and audio signals to MPEG-2 or MPEG-4 digital signals and streams them over an IP network to any networked PC using the MediaStar Evolution desktop viewing software (Part 761) or video screen with MediaStar Evolution Digital Media Decoders (Parts 760 and 780).

The unit is a 'hot swappable' blade that is used in conjunction with the MediaStar Evolution Chassis (Part 770). The Blade has IP Browser/RS232/USBv1.1 control interfaces and is built around an ultra reliable dual-core engine running under Linux.

Included within the scope of delivery:

772 Encoder Blade; Quick Start Guide; IP address label; RJ45 Cat-5 blue patch cable; BNC plug/phono jack adapter.



Specifications

Video encoding

- MPEG-2 MP@ML. FD1, HD1, 2CIF, CIF, and QCIF resolutions
- Unicast or multicast transport streams
- Constant and variable bitrate encoding
- MPEG-4 ASP and SP. FD1, HD1, 2CIF, CIF and QCIF resolutions
- Unicast or multicast ISMA streams
- Constant, variable and average bitrate encoding
- MPEG-4 Dual Encode: Two simultaneous MPEG-4 encodes of the same source; one low bitrate (CIF resolution) and one high bitrate (FD1 resolution)

Audio encoding

- MPEG-2 Layer 2
- MPEG-4 AAC LC

Video inputs

- Composite - BNC
- S-Video - Mini DIN
- RGB/YPbPr - 3 x BNC
- SCART (RGB + sync on CVBS)
- PAL and NTSC

Audio inputs

- Stereo line level - 2 x RCA

Network

- 10/100 BaseT for streaming and control interface

Serial Port

- RS232 interface for control and configuration

USB

- USB v1.1 interface for control and configuration

Power: 7 Watts (from 770 Rack)

Weight: 334g (Card only)

Dimensions: Single 770 Rack slot (1 of 9)

Environmental: 0 - 40°C; 32 - 104°F

Approvals: FCC Part 15, CE, CB

Companion Models & Accessories:

- 760 & 780 Digital Media Decoders
- 761 Desktop Viewing Application
- 762 Evolution Administrator Software
- 770 Rack Chassis and Mount Kit
- 775 Stand Alone Unit

> Head Office

Cabletime Ltd, 64 Greenham Road, Newbury, Berkshire, United Kingdom RG14 7HX
T: +44 1635 351111 **E:** sales@cabletime.com www.cabletime.com

USA Office

Cabletime USA **T:** 973 288 8010 **E:** usa@cabletime.com

Asia Office

Cabletime ASIA **T:** +852 3101 2650 **E:** asia@cabletime.com

Brought to you by

CABLETIME[®]