

## IP Television Headend

### > MPEG-2/4 Encoder for Television over IP (775)

The MediaStar Evolution 775 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 stand-alone, housed in a freestanding metal box, with 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:

775 Encoder appliance; Quick Start Guide; IP address label; USB Driver CD; 2 metre RS232 9-way D Male-Female; Cable - 2 metre - RJ45 Cat-5 blue patch cable; Cable - 2 metre - USB 2.0 A TO B; BNC plug/ phono jack adapter; 4 x 10mm self adhesive feet; 12V DC external power supply; UK & USA 'figure 8' power leads.



### 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:** 100-240V AC, 10 Watts via external DC adaptor with locking mini DIN connector

**Weight:** 1.1Kg

**Dimensions:** 14.3cm x 22cm x 4.1cm, 5.7" x 8.7" x 1.7"

**Environmental:** 0 - 40°C; 32 - 104°F

**Approvals:** FCC Part 15, CE, CB

**Chassis:** Up to 3 encoder units in a 1U 19" rack

#### Companion Models & Accessories:

- 760 & 780 Digital Media Decoders
- 761 Desktop Viewing Application
- 762 Evolution Administrator Software
- 770 Rack Chassis and Mount Kit
- 772 Rack Mounted Blade

### > Head Office

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