



## Technical 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/YpPr - 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 - 240VAC, 15 Watts via IEC Mains connector
Dimensions	14.3cm x 22cm x 4.1cm, 5.7" x 8.7" x 1.7"
Weight	1.1Kg
Environmental	0 - 40°C
Approvals	FCC Part 15, CE, CB.
Chassis	Up to 3 encoder units in a 1U 19" rack

## Additional Options

Standalone or rack mounted

MediaStar Evolution 760 Endpoint

MediaStar Evolution 761 Viewing Application

The MediaStar Evolution 775 Encoder converts analogue video and audio signals to MPEG-2 or MPEG-4 digital signals and streams them over a LAN/WAN data network. A MediaStar hardware decoder or software viewing application connected to the LAN/WAN can decode the data streams from the network and present synchronised video and audio for viewing at multiple remote locations.

Evolution 775 Encoder's dual stream capability enables a high bit rate stream to direct video to large displays where vision quality is paramount and a lower bit rate stream for PCs and small displays where lower resolution is acceptable.

It improves picture quality by allowing instantaneous peak bit rates for complex scenes, and lower bit rates for simple scenes, thus maintaining the average bit rate defined by the network administrator.

## Key Features

- MPEG-2 and/or MPEG-4
- Dual Stream MPEG-4
- Controlled remotely
- Field upgradeable
- Compact yet powerful
- Linux based

## Applications

- Banking
- Retail
- Sports & Leisure
- Hospitality
- News & Publishing
- Education
- Corporate

The MediaStar Evolution 775 Encoder is a robust and versatile MPEG encoder designed for standalone use with IP networks and is ideal for single channel applications or where space is at a premium.