

IP Television Headend

> 776 DVB-T LAN-Caster for Digital Terrestrial Broadcast over IP

The MediaStar Evolution 776 LAN-Caster allows digital terrestrial TV and Radio channels, (DVB-T), to be streamed onto an IP network. Connect a DVB-T aerial signal into the LAN-Caster and use the simple browser based control interface to stream up to 11 channels of live TV and Radio from a single RF multiplex 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:
 776 DVB-T unit; Quick Start Guide; IP address label; CD with USB driver, 4 x 10mm self adhesive feet; 2 metre Cat-5 patch cable; 2 metre USB 2.0 A to B cable; 2 metre RS232 cable; 12V DC external power supply; 2 metre USA & UK 'figure 8' power cords.



Specifications

Signal Input

- RF input of Digital Terrestrial Television (DVB-T) "free to air" TV and radio channels via a 75ohm IEC aerial connector
- Delivers up to 11 channels from an unscrambled DVB-T Multiplex
- Supports both SD (T version) and HDTV (T2 version) inputs
- RF loopthrough for connection to additional MediaStar DVB-T LAN-Caster units

Video Output Streaming Protocols

- Unicast/Multicast; UDP/RTP/RTSP 10/100 Base-T network interface for streaming to the network
- SAP

Management and Control

- IP:10/100 Base-T interface to the on-board HTML browser interface
- Serial port: RS232 interface for control and Configuration
- USB: USBv1.1 interface for control and configuration

Configuration and Monitoring

- On-board HTML setup browser. Choose up to 11 individual channels from an unscrambled "free to air" DVB-T MUX. Select channels to stream across the network and remove at any time. Scan through available DVB-T multiplexes for listing in a MUX Selection Table

- Multicast and Unicast address for output of video stream
- Control additional LAN-Caster units from a single web interface via multicast link
- Password protected; Enablement Code for addition of features
- Static IP address or DHCP assignment of DVB-T LAN-Caster unit
- Supports Netmask, Gateway Address, DNS Server Addressing
- Telnet: 3rd party connectivity via TCP control such as Touch Panel interfaces
- SNMP: monitoring of key operating functions reported via on-board SNMP agent

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

Weight: 1.1Kg, 2.42lbs

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

Companion Models & Accessories:

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

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