



Technical Specifications

Video and Audio 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 and HDTV inputs. RF loophrough 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
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. Scans through available DVB-T multiplexes for listing in a MUX Selection Table. Multicast 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	3 Watts (from 770 Rack)
Weight	300g (card only)
Dimensions	Single 770 Rack slot (1 of 9)
Environmental	0 - 40° ambient 770 Rack temperature
Approvals	FCC, CE, CB

Additional Options

776 DVB-T appliance unit

MediaStar Evolution 760 Endpoint

MediaStar Evolution 761 Viewing Application

Connect a digital terrestrial signal, DVB-T (Digital Video Broadcast - Terrestrial), directly into the MediaStar Evolution LAN-Caster to deliver potentially up to eleven live TV and Radio channels over the IP network.

The LAN-Caster allows any networked PC or display device to receive and view live news and entertainment channels, which are distributed as MPEG-2 streams in an IPTV compatible format. A MediaStar video display device or software viewing application connected to the LAN/WAN decodes the data streams and can present video and audio for viewing at multiple remote locations.

Incoming channels can be selected or deselected depending on viewing preferences and controlled via an easy-to-use HTML browser interface or MediaStar control software.

Key Features

- Streams TV & Radio over IP
- Access to UK Freeview
- MPEG-2 IPTV compatible
- Controlled remotely
- Field upgradeable
- Compact yet powerful
- Linux based

Applications

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

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