



# Uniguest 700-482 MultiStream Transcoder.

**Video and audio  
transcoding across live  
IPTV streams.**

## Key Features

Transcodes multiple live MPEG2 and H264 IPTV streams to reduced bit rates

Dynamic downscaling of resolutions and frame rates from 1080p to 480p

Convert from interlaced to progressive scan

Multicast to Unicast conversion, and vice versa

Controlled via web GUI or Uniguest MediaStar MediaManager

Compact stand-alone appliance in BTX chassis format

The transcoder acts as a reliable and secure interface between disparate incoming IP streams, often derived from multiple sources and with differing transmission standards. The units modify them, apply system controls, and then restream them onto your network to conform to a predetermined corporate network policy or specific site specification.

Stream parameters can be controlled and modified, including re-encoding the incoming video and audio streams to H264, resolution downscaling from 1080p to 480p.

<b>What's in the box?</b>	<ul style="list-style-type: none"> <li>700-482 Transcoder appliance with pre-installed transcoder software</li> <li>External AC to DC PSU module</li> <li>AC power cord</li> </ul>
<b>Stream Input Formats</b>	<ul style="list-style-type: none"> <li>MPEG-2 Transport Stream (TS) transmitted as a UDP V2/V3 IGMP Multicast or Unicast network stream</li> <li>MPEG2, H264, video formats SD to HD resolutions</li> <li>MPEG1 part II, AAC, Dolby audio formats</li> </ul>
<b>Output Encoding and Resolutions</b>	<ul style="list-style-type: none"> <li>Simultaneous transcode - a maximum of 3 to 6 channels subject to outgoing video encoding format. Typically 3 channels 1080p30 H264 or 6 channels H264 480p30.</li> <li>MPEG-2 Transport Stream (TS) transmitted as a UDP V2/V3 IGMP Multicast or Unicast network stream</li> <li>H264 video encoding, 480p to 1080p60 resolution</li> <li>AAC Audio encoding 32 - 384 Kbps, Dolby digital data pass-through</li> <li>VBR encoding (500 Kbps to 25 Mbps) with maximum bit rate control per channel</li> </ul>
<b>Network Configuration</b>	<ul style="list-style-type: none"> <li>Single 100/1000 Base-T 802.3 Auto MDIX LAN Interface</li> <li>DHCP or Static IP addressing</li> </ul>
<b>System Specifications</b>	<ul style="list-style-type: none"> <li>Linux OS, LTS Kernel</li> <li>Intel i5</li> <li>2x USB 2 Ports. 4x USB 3 Ports</li> <li>4GB RAM, 128GB SSD hard drive</li> </ul>
<b>Physical</b>	<p><b>Power:</b> 65W, 110 - 240VAC Adaptor</p> <p><b>Weight:</b> 1.7kg</p> <p><b>Dimensions:</b> 36 x 183 x 183mm</p>
<b>Approvals</b>	UL, CE, FCC
<b>System Management</b>	<ul style="list-style-type: none"> <li>Web page interface for easy system configuration</li> <li>Can operate stand-alone or integrated with Uniguest MediaStar Media Manager system Administration Software</li> <li>SNMP Traps for alert conditions (incoming stream errors or stream not present)</li> </ul>