

Transcoding of up to 6 IPTV streams

The transcoder MC-TRANS-1RU is designed for IPTV-Live Streaming applications. The transcoder is a network based transcoder and converts Multicast or Unicast streams from MPEG-2 to H.264 or from H.264 to MPEG-2. Thereby the user can set parameters like resolution, bitrate, bitrate type (CBR/VBR) or GOP structure (Group of Picture). Also the up- or down-scaling from HD to SD formats is supported.



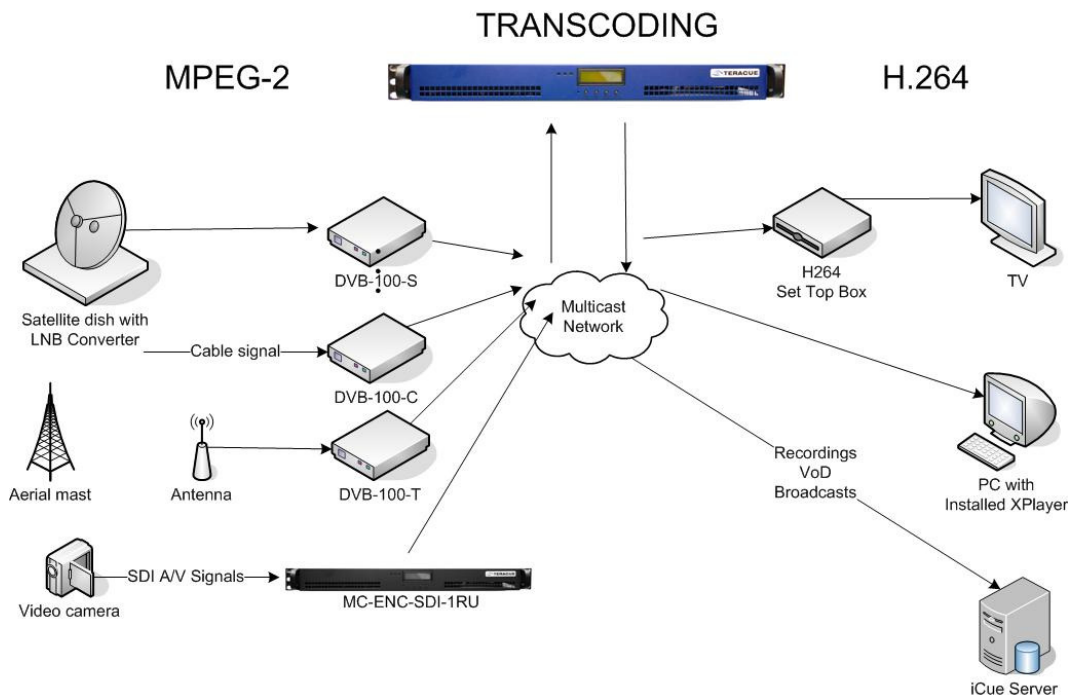
Main Features:

- Transcoding of existing IPTV streams into streams with modified stream parameters
- On-the-fly conversion of the used video codec, the bitrate, the resolution and the GOP structure, etc.
- On-the-fly modification of framerate is possible at H.264 : Transrating
- Transmission and receipt of unicast/multicast streams is possible Supports MPEG-2 SD/HD, H.264 SD, MPEG-1 Layer 2 Audio or AC-LC at input and output
- All output streams are ISO/IEC compliant transport streams
- The configuration settings can be stored
- Text-, Time- and Logo insertion is possible
- Flash format in combination with Wowza server

Multiple Application range

The Transcoder unifies high performance, in a compact design for commercial, institutional and industrial applications:

- IPTV LIVE-Transcoding
- Broadcast/TV Distribution over IP for company- and business-TV
- Security/Surveillance/Monitoring/Public Safety
- Medical/Corporate/Military/Industrial-Training
- Education/Distance Learning/Tele-Teaching
- Finance/Brokerage Television
- Legal/Legislative Communications
- News/Sports/Advertising Agencies – Air/Rail station advertising
- Manufacturing/Process Monitoring
- Web streaming in Flash format



Specification:

Chassis:	19", 1 RU, Appliance
Dimensions:	43x482x407 mm (HxWxD)
Weight:	6,15 kg
LCD-Display:	2-spaced Display, Power-Switch, Reset-Switch
Power Supply:	200 Watt PSU
CPU:	Intel XEON
Network:	2x Gigabit LAN, 1000 Base-TX, RJ45

Contact info: sales@advanceddigital.ca

WEB: www.advanceddigital.ca

TEL: +1 416-479-0480 / 416-848-0715