



## EGT VIPr2200

### VIDEO TRANSCODER



#### Flexible solution

- CBR for Switched Digital Video (SDV) applications
- Local multiplex configuration management
- Supports HD transcoding or recoding
- VBR for up to 4:1 HD in a 256 QAM
- SD + HD multiplexing

#### Ad Splicing

- Supports SCTE-35 and SCTE-30 messages
- Supports schedule-mode insertion initiated by the ad server
- Integrated decode-recode solves problems associated with high bit rate spots
- Supports up to 2 HD concurrent ads
- Seamless splicing
- Frame-accurate insertion

#### MPEG-4 HD to MPEG-2 HD Transcoder MPEG-2 to MPEG-2 Recoder MPEG HD to SD Down Converter

EGT's revolutionary Network Video Transcoder delivers superior video quality over decode/re-encode or rate-shaping solutions through our advanced technology that repurposes the original MPEG compression data to maximize video quality during the transcoding process. EGT's improvements in video and audio coding provide dramatic gains in bandwidth efficiency while the programmable EGT VIPr platform allows for increased flexibility and system reliability

#### MPEG-2 to MPEG-2 Intelligent Recoder

- 4:1 closed-loop efficiency, 4 HD channels in 1 QAM
- Parameter re-use, maintains original MPEG-2 data to maximize video quality
- Offers superior performance over requantization and decode/re-encode solutions
- Advanced Preprocessing and Prefiltering

#### MPEG-4 to MPEG-2 Intelligent Transcoder

- 4:1 closed-loop efficiency, 4 HD channels in 1 QAM
- Integrated Transcoding & Statistical Multiplexing
- Highly flexible processing platform
- Decoupled from receiver, reuse standard satellite receivers
- Broadcast, SDV, PCTV and Mobility applications
- Integrated rate control enhances video quality
- Transport MPEG-4 throughout the plant and transcode closer to the edge

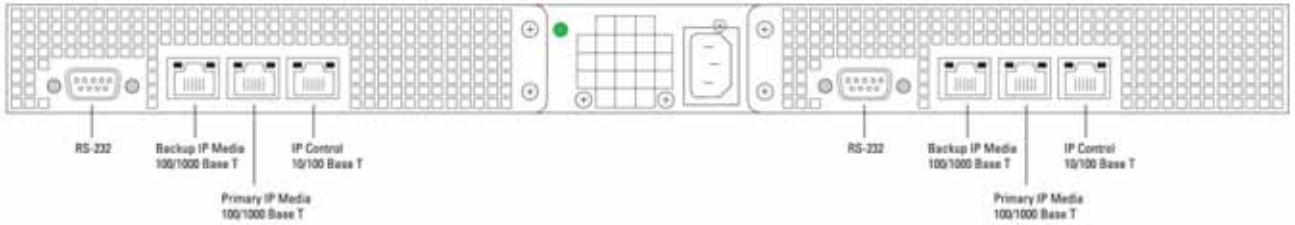
#### HD to SD Intelligent Downconversion

- Convert off air HD broadcast "must carry" channels to SD to support existing customers
- Down convert from one master copy to support both HD & SD tiers

# EGT VIPr2200 VIDEO TRANSCODER

The choice is clear.

At ARRIS, our encoder products are designed to deliver more channels in less space with superior picture quality. The EGT VIPr™ is built on a flexible, programmable platform, designed to offer unparalleled quality and features in a compact form factor.



For additional information about the EGT VIPr2200 Video Transcoder, contact your ARRIS sales Representative.

Other related Documents:

- Technical Specifications (Pub Code: EGTVIPr2200\_TS)

The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice. ARRIS, the ARRIS logo, Auspice®, C3™, C4®, C4c™, Cadant®, C-COR®, CHP Max®, ConvergeMedia™, Cornerstone®, CXM™, D5™, Digicon®, Flex Max®, Keystone™, MONARCH®, n5™, nABLE™, nVision®, OpsLogic®, OpsLogic® Service Visibility Portal™, PLEXIS®, PowerSense™, Regal®, ServAssure™, Service Visibility Portal™, TeleWire Supply®, TLX®, Touchstone®, VoiceAssure™, VSM™, and WorkAssure™ are all trademarks of ARRIS Group, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of others. © Copyright 2009 ARRIS Group, Inc. All rights reserved. Reproduction in any manner whatsoever without the express written permission of ARRIS Group, Inc. is strictly forbidden. For more information, contact ARRIS.



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