



EGT VIPr2600 Video Transcoder

Specifications

VIDEO

| | |
|-------------------|--|
| Input | MPEG-2 HD MP@HL over IP MPEG-2 SD MP@ML over IP |
| # of Channels | 1-8 HD channels 1-42 SD channels |
| Output | MPEG-2 HD MP@HL, MPEG-2 SD MP@ML |
| Chroma Format | 4:2:0 |
| Resolutions | up to 1920x1080i, 1280x720p, 720x480i |
| Frame Rates | 29.97 fps interlaced, 59.94 fps progressive |
| Encoded Bit Rates | 1-20 Mbps |
| Bit Rates Modes | CBR or Closed-loop VBR |
| Aspect Ratio | 16:9, 4:3 |
| Processing | Integrated decode-recode and stat mux Adaptive reuse of original coding parameters Film mode 3:2 pull-down detection |

ENVIRONMENTAL

| | |
|-----------------------------|--|
| Operating Temperature Range | 0°C to 40°C |
| Humidity | 5-95%; non-condensing |
| Power Consumption | Watts: 250W per node |
| Power Supply Input | Volts: 100-240 Vac Frequency: 47-63 Hz Amperes: ~2.3 Amps per node |
| Form Factor | 1RU |
| Dimensions | 19.0" x 1.75" x 24" (WxHxD) |
| EMC/Safety Compliance | FCC part 15 Class A, CE, UL, ULc |

AUDIO

| | |
|---------------------|--|
| Input Audio Formats | Dolby Digital (AC-3), 5.1, MPEG-1 Layer 2 |
| Operating Modes | Stereo, Single Channel Mono, Dual Channel Mono, Joint Stereo |
| Encoding | Passthrough |

EGT VIPr2600 Technical Specification

Specifications Continued

SERVICES

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|----------------------|--|
| Closed loop encoding | 3+HD channels into 256 QAM 15+ SD channels into a 256 QAM |
| DPI | SCTE-35 Passthrough |
| VBI Services | Captions Passthrough of line 21 and EIA708 advanced captions, Data Passthrough of SCTE127 data services |

IP PORTS

| | |
|----------------------|-------------------------------------|
| Media Interfaces | Dual Gigabit |
| Rate | 10/100/1000 Base T (Auto Negotiate) |
| Duplex | Full Duplex (Auto Negotiate) |
| Type | Unicast or Multicast |
| Format | MPEG-2 MPTS over UDP |
| Management Interface | 10/100 Base T (Auto Negotiate) |
| Connector Types | RJ45 |

CONFIGURATION

| | |
|---------------------|---------------------------------|
| User Interface | GUI |
| Monitor and Control | SNMP |
| Redundancy | Fully redundant chassis support |
| Hot Swappable | Fans |
| Removable | Power supply, Fan trays |

Contact Customer Care for sales and product information via the ARRIS website (www.arris.com) or as indicated below:

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Specifications are subject to change without notice.

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