



## EGT VIPr2800 Video Transcoder

### Specifications

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#### VIDEO

Input	MPEG-2 HD MP@HL over IP MPEG-2
# of Channels	1-8 HD channels input
Output	MPEG-2 SD MP@ML, 1-8 SD channels
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

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#### 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

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#### 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

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# EGT VIPr2600 Technical Specification

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## Specifications Continued

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### SERVICES

Closed loop encoding	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
EAS	Passthrough

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### 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

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### CONFIGURATION

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

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

United States: 866-36-ARRIS

International: +1-678-473-5656

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