



## EGT VIPr2200 Video Transcoder

### Specifications

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#### VIDEO

Input	H.264/MPEG-4 Part 10/AVC Main Profile @ Level 4, MPEG-2 HD MP@HL over IP
# of Channels	1-2 HD 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/re-code and stat mux Reuse of original coding parameters Horizontal resolution scaling Film mode 3:2 pull-down detection Adaptive or fixed GOP structure
Filtering	Advanced deblocking filter, Motion Compensated Temporal Filtering

#### ENVIRONMENTAL

Operating Temperature Range	0°C to 40°C
Humidity	5-95%; non-condensing
Power Consumption	Watts: 250W per channel
Power Supply Input	Volts: 100-240 Vac Frequency: 47-63 Hz Amperes: ~2.3 Amps per channel
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, AAC, HE-AAC over IP
Operating Modes	Stereo, Single Channel Mono, Dual Channel Mono, Joint Stereo
Encoding	Passthrough

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# EGT VIPr2200 Technical Specification

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## Specifications Continued

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### SERVICES

Closed loop encoding	Up to 4 HD channels into 1 QAM
DPI	SCTE-35 insertion and 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	Redundant 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.arrisi.com](http://www.arrisi.com)) or as indicated below:

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