



EGT VIPr2200 Video Transcoder

Specifications

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

EGT VIPr2200 Technical Specification

Specifications Continued

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

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

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.arrisi.com) or as indicated below:

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Specifications are subject to change without notice.

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