

Encoder

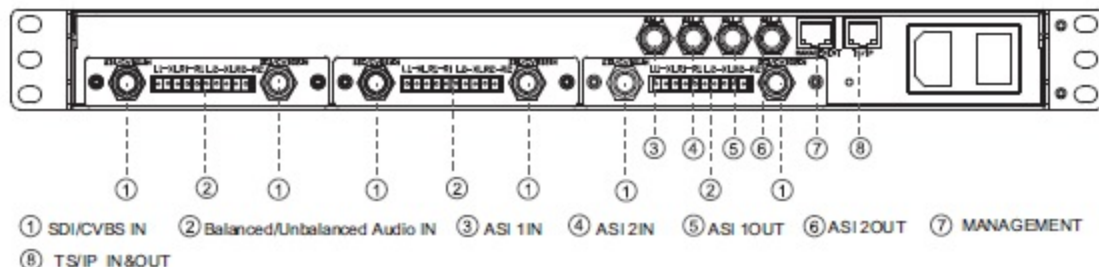


Features:

Buy Now!



- Encoding up to 6 programs in MPEG-2 SD or H.264 SD/HD format
- Support CVBS/SDI/HDMI input
- Support both ASI and IP input/output
- MPEG-1 Layer II Audio, LC-AAC, HE-AAC and Dolby AC-3 (future feature)
- Support CBR/VBR encoding
- Support stream processing including PID remapping and EPG data insertion



Specifications

Encoding

Video Encoding (CBR & VBR):	MPEG-2 MP@ML; MPEG-2 MP@HL MPEG-4 AVC at MP@L3 MPEG-4 AVC at HP@L4
CVBS input:	NTSC, PAL, PAL-M, PAL-N and SECAM
SDI input:	SD SDI and HD SDI with embedded audio
HDMI input:	compatible with HDCP and HDMI 1.1 (?)
Video Output Bit-rate:(CBR & VBR)	MPEG-2 SD: 2 Mbps ~ 15 Mbps H.264 SD: 1 Mbps ~ 10 Mbps H.264 HD: 6 Mbps ~20 Mbps
Video Output Resolution:	
SD Resolution:	PAL (720x576) and NTSC (720x480)
HD Resolution:	1920x1080i, 1280x720p
Aspect Ratio:	4:3 or 16:9
GOP Structure:	IBP, IBBP
Audio Formats:	AAC, MPEG-1 Layer II, Dolby Digital AC-3 (Future Feature)

Re-multiplexing

PID:	Re-mapping and Filtering MPTS Output Synchronization
Routing:	Any Input to Any Output
Redundancy:	Input Service Redundancy & IP Port Redundancy

IP & ASI Interface

IP	
Interface:	1 x 1000 Mbps per port
IP Encapsulation:	MPEG TS over UDP/RTP
MPEG TS:	MPTS and SPTS
I/O Processing:	Up to 12 Streams, max at 72 Mbps per socket
Addressing:	Unicast and Multicast
Management:	IGMPv1, IGMPv2, IGMPv3
Forward Error Correction:	ProMPEG

ASI

Interface:	4 BNC connectors (2 ASI inputs and 2 ASI outputs), 75Ω
MPEG Format:	188/204Bytes per TS
I/O Processing:	1 MPTS/SPTS per port, up to 120 Mbps per port

Management

Interface:	100BaseTX, RJ45
NMS:	Wellav Digital Service Manager
Support SNMP	

Physical & Environment

Input Voltage:	90 – 260 VAC
Power Consumption:	Approx 60 W
Rack Space:	1 RU
Dimension (WxHxD):	480mm x 44mm x 440mm
Operating Temperature:	0°C to 50°C
Storage Temperature:	-40°C to 65°C
Relative Operating Humidity:	<95%



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