

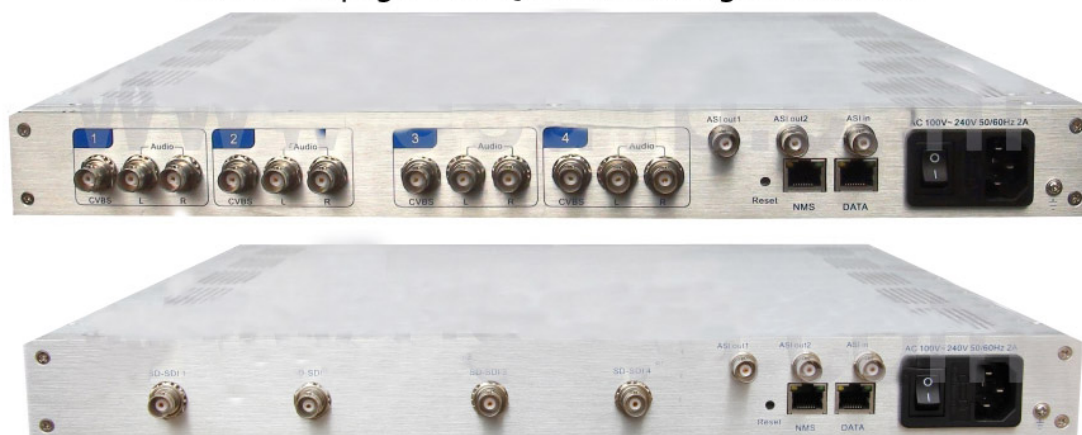
PLATINIUM

FW81M4 / FW4M4 MPEG2/H.264 Encoder

fw81m4 mpeg 2-4 sd octo turbo magnetic encoder



FW41M4 mpeg2/4 SD Quad Turbo Magnetic encoder



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Outline

The PLATINIUM FW81M4 8 in 1(FW41M4 4 in 1) MPEG-2/H.264 SD Encoder is our newest professional SD audio & video encoding and multiplexing device with powerful functionality. It has 8(4) independent channels of unbalanced audio & CVBS video input interfaces or SD-SDI input interface, supporting MPEG-2 and H.264 encoder type. Furthermore, it can support the MPEG-1 Audio layer 2, LC-ACC, HE-AAC, and each channel can support ultra low bit-rate (0.25~15Mbps for H.264 encoding, and 0.5~15Mbps for MPEG-2 encoding). Moreover, it has an ASI input and can multiplex the input TS with the 8(4) encoded SPTS to generate a MPTS output, and users can select the MPTS and 8(4) SPTS through the front panel operation.

Features

- Support H.264,Mpeg2 video encoding
- Support MPEG1 Layer 2 , LC-AAC,HE-AAC(v2) audio encoding
- Applicable for one seg(ISDB-T) utilization
- Support PSI/SI editing and inserting
- Supports VBR/CBR video bitrate mode
- Supports MPTS or 8(4) SPTS UDP IP Output
- Real-time output bit-rate monitoring
- LCD / keyboard and SNMP/web management



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Specifications

Input	4×CVBS inputs , BNC interface		FW41M4
	pairs unbalanced stereo audio inputs, BNC interface		
	8×CVBS inputs , BNC interface		FW81M4
	pairs unbalanced stereo audio inputs, BNC interface		
	4xSD-SDI input with embedded audio		FW41M4-D
	8xSD-SDI input with embedded audio		FW81M4-D
	1×ASI input, BNC interface		
Video	Resolution	PAL:720*576i/352*288i/320*240i/320*180i/ 176*144i/160*120i/160*90i @50Hz NTSC:720*480i/352*288i/320*240i/320*180i/ 176*144i/160*120i/160*90i @59.94Hz	
	Encoding	MPEG-2 /H.264	
	Bit rate	0.25~15Mbps for H.264 encoding 0.5~15Mbps for MPEG-2 encoding	
	Rate Control	CBR/VBR	
	GOP Structure	IPPPP, IBPBP, IBBPB,IBBBP	
	Advanced Pretreatment	De-interlacing, noise reduction, sharpening	
Audio	Encoding	MPEG1 Layer 2, LC-AAC,HE-AAC(v2)	
	Sampling rate	48Kbps	
	Resolution	24 bit	
	Bitrate	32Kbps~384Kbps (each channel)	
Multiplexing	1 ASI Input for multiplexing		
Stream output	2 × ASI outputs, BNC interface		
	MPTS or 8×SPTS over UDP, 10/100Base-T Ethernet interface	FW81M4	FW81M4-D
	MPTS or 4×SPTS over UDP, 10/100Base-T Ethernet interface	FW41M4	FW41M4-D
System function	LCD/keyboard operating, SNMP/web management Chinese-English control interface		
	Ethernet software upgrade		
General	Dimensions(WxDxH)	482mm×455mm×44.5mm	
	Approx weight	4kg	
	Temperature range	0~45 (operation) -20~80 (storage)	
	Power Supply	AC 100V±10% 50/60Hz or AC 220V±10% 50/60Hz	
	Power consumption	25W	

Order information:

	FW41M4	FW81M4	FW81M4-D	FW81M4-D
4 CVBS input	●			
8 CVBS input		●		
4 SD-SDI input			●	
8 SD-SDI input				●



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