

# PLATINIUM

- FW41CI 4 in 1 MPEG-2 Encoder



## Outline

The FW41CI 4 in 1 MPEG-2 Encoder (with IP output) is a professional SD audio & video encoding and multiplexing device with powerful functionality. It has 4 channel CVBS video input interfaces, 4 pairs of unbalanced audio input interfaces and an ASI input interface, supporting MPEG-2 encoding format. This device can simultaneously encode 4 channel SD audio & video; moreover, it can multiplex the input TS with the 4 encoded SPTS to generate a MPTS output. Also, the PSI/SI information can be inserted into the MPST output. In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting and terrestrial digital TV, etc.



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## Features

- 4×CVBS video inputs, 4 pairs of unbalanced audio inputs.
- 1× ASI input interface for multiplexing
- Supports MPEG-1 Layer2 audio encoding
- Supports CBR and VBR
- Supports multiplexed MPTS ASI output
- Supports D1,HD1,2/3D1,3/4D1 Resolutions
- Supports PAL and NTSC SD video formats
- Supports MPTS over UDP protocol
- Real-time effective encoding output bit-rate monitoring
- Supports NMS or SNMP management
- Support LCD / keyboard operating

# Specifications

<b>Input</b>	4×CVBS inputs,BNC interface	
	4 pairs of unbalanced audio inputs, BNC interface	
	1×ASI input, BNC interface	
<b>Video</b>	Resolution	D1: 720 480_59.94i, 720 576_50i
		3/4D1: 544 480_59.94i, 544 576_50i
		HD1: 352 480_59.94i, 352 576_50i
		2/3D1: 480 480_59.94i, 480 576_50i
		SIF: 352 240_59.94i, 352 288_50i
	Encoding	MPEG-2
	Mode	Auto, PAL and NTSC
	Rate Control	CBR/VBR
<b>Audio</b>	Encoding	MPEG-1 Layer2
	Sampling rate	48KHz, 44.1KHz, 32KHz
	Resolution	24 bit
	Bit-rate	32Kbps~384Kbps
<b>Multiplexing</b>	multiplexed MPTS ASI output	
<b>Stream output</b>	2 × ASI outputs, BNC interface	
	MPTS over UDP,10/100Base-T Ethernet interface (UDP unicast / multicast)	
<b>System function</b>	LCD/keyboard operating, SNMP/NMS management Chinese-English control interface	
	Ethernet software upgrade	
<b>General</b>	Dimensions (WxDxH)	482mm×455mm×44.5mm
	Approx weight	6Kg
	Temperature range	0~45 (Operation), -20~80 (Storage)
	Power requirements	AC 110V±10%,50/60Hz or AC 220V±10%,50/60Hz
	Power consumption	17.6W