

WPG-100A

► Features ► Specifications

WPG-100A DVB MPEG-2 ENCODER



► Features

Video Input

▲ Input color demodulation system

- NTSC
- PAL
- SECAM
- Auto-detection

▲ Analog input Formats

- CVBS (Composite Video)
- S-Video (Y/C)
- YPbPr Component (VESA, MII, SMPTE & BetaCam)

▲ Programmable Video Controls

- Hue
- Brightness
- Saturation
- Contrast

▲ Proprietary Architecture for looking to weak, noisy and unstable video source from VCR's, tuners etc.

▲ Macrovision® copy protection detection

▲ Adaptive comb filters and CTI/DNR video enhancement

▲ 4:2:2 to 4:2:0 colour format conversion

Video Encoding

▲ Encoding format: MPEG-2 4:2:0,MP@ML

▲ Frame arrangement

- Up to 25 Mbits/sec I-only encoding
- Up to 15 Mbits/sec IP-only or IBP encoding

▲ Output bit-rate: 1.5 ~ 25 Mbps

▲ Bit-rate Control Support

- Constant Bit-rate (CBR)
- Variable Bit-rate (VBR)

▲ Dynamic Parameters

- GOP (Group of Pictures)

- ▲ Motion compensated
- ▲ Stream multiplexer
- Multiplexing of video and audio streams according to the MPEG-2 systems standard ("ISO 13818-1")
- MPEG time stamp (PTS/DTS/SCR/PCR) generation and insertion (synchronization)
- ▲ Output format: ASI x 1

Audio Encoding

- ▲ Quantification: 16 bits
- ▲ Sampling rate: 48 KHz
- ▲ MPEG-1 layer 2 audio encoding at 256 Kbits/s or 384 Kbits/s

Control

- ▲ Front panel keypad and LCD

► Specifications

▲ Connector

CVBS	BNC (female) 75 Ω
S-Video	DIN JACK 75 Ω
YPbPr	BNC (female) 75 Ω
Audio	L/R BNC (female)

▲ Physical and Power

Dimensions (W x D x H)	482 x 285 x 44
IRU machine box	19"
Input Voltage	90 ~ 260 VAC
Operating Temperature	0°C ~ 40°C
Packing	1 set/Inner box 5 sets/13.5kgs/3.5cuft

