

PCE-HDSDI-AC3 Encoder

AC3 Audio, MPEG 2, H.264 for ATSC- DVB-T/T2 and ISDB-T
HD-SDI Input, ASI an IP Output. Ideal for ATSC TX and Cable TV



Key Features

- MPEG2 HD & MPEG4 AVC/H.264 HD video encoding
- Up to 1920*1080@50P/60P supported (MPEG4 AVC/H.264 HD)
Up to 1920*1080@50I/60I supported (MPEG2 HD)
- SDI in; 1*ASI in;
- LCN (Logical Channel Number) support - for DVB-C/T/ISDB-T modulating module
VCT (Virtual Channel Table) support - for ATSC modulating module
- Excellent modulation quality
- LCD display, Remote control and firmware
- WEB NMS management; Updates via web
- Lowest cost per channel - breakthrough price

Product Overview

PCE-HDSDI-AC3 series products are our all-in-one devices which integrate encoding (MPEG-2, MPEG-4/AVC H.264).

It adopts inner drawer-type structural design which greatly facilitates the change of encoding modules (HDMI/CVBS/SDI/YPbPr/...) as needed. To meet consumers' various requirements, PCE-HDSDI-AC3 is also equipped with a ASI input, and output with 2 ASI ports and 1 UDP IP port.

The signals source could be from satellite receivers.



Specifications

Encoding Section

Video

Encoding	MPEG2 & MPEG4 AVC/H.264
Input	SDI, HDMI, COMPONENT, CVBS
Resolution	1920*1080_60P, 1920*1080_50P, (-for MPEG4 AVC/H.264 only) 1920*1080_60i, 1920*1080_50i, 1280*720_60p, 1280*720_50P, 720*480_60i, 720*576_50i

Audio

Encoding	AC-3/MPEG1 Layer II (MPEG2-11C, MPEG4-AAC)
Sample rate	48Khz
Bit rate	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps

System

Local interface	LCD + control buttons
Remote management	Web NMS
Stream Out	2 ASI out (BNC type); IP (MPTS/SPTS) out (RJ45, 100M)
NMS interface	RJ45, 100M
Language	English

General

Power Supply	AC 100V~240V
Dimensions	482*400*44mm
Weight	4.5 kg
Operation temperature	0~45°C