



## HD Encoder Card: (for DVIS / DVISm / DVISf / DigiVu / DigiVu Mini / DigiVu CD Platforms)

- ▶ MPEG-2 & H.264 (AVC/MPEG-4 Part 10) HD encoding
- ▶ Cost-effective HD encoding for headend/hub applications, locally generated MDU content, PEG channels
- ▶ QAM, IP & PON overlay/RFoG output
- ▶ Scalable HD encoding:
  - ▶ QAM Output: up to 2 HD programs in DVISm/DigiVu Mini & up to 5 HD programs in DVIS/DigiVu/DigiVu CD
  - ▶ IP Output (copper/fiber): up to 2/1 HD programs in DVISm/DigiVu Mini & up to 4 HD programs in DVIS/DigiVu/DigiVu CD
  - ▶ PON Overlay/RFoG Output: up to 5 HD programs in DVISf
- ▶ Spectrum efficient & compact HD encoding with all HD programs multiplexed onto single QAM (format dependent)
- ▶ Possibility of mixing HD & SD encoder cards within one platform, creating best spectrum usage for QAM transport
- ▶ Hot-swappable 1-channel HD encoder card
- ▶ All other DVIS/DVISM/DVISf/DigiVu/DigiVu Mini/DigiVu CD features/specs apply



### Ordering Information

Part Number	Description
DV1HDA	1-channel HD Encoder Plug-in Card (Comp/VGA)

### Specifications

SPECIFICATIONS	
<b>VIDEO &amp; AUDIO INPUTS</b>	
<b>VIDEO INPUTS</b>	
<b>COMPONENT</b>	
CONNECTOR	3 x RCA Female
CHROMA FORMAT	YPbPr 4:2:2
<b>PC - VGA</b>	
CONNECTOR	DE-15 Female, 15 Pin, 3 Rows
CHROMA FORMAT	RGB 4:4:4
<b>AUDIO INPUTS</b>	
<b>ANALOG L/R</b>	
CONNECTOR	TRS 3.5 mm Female, 2 x RCA Adapter Female
<b>DIGITAL SPDIF</b>	
CONNECTOR	1 x RCA (Coax.) Female
AUDIO STANDARD	IEC 61937:AC3 (Pass Through)
MAX CHANNELS	6 (5.1) Pass Through
<b>VIDEO &amp; AUDIO PROCESSING</b>	
<b>VIDEO PROCESSING</b>	
<b>MPEG2 ENCODING</b>	
ENCODE LEVEL	MPEG-2 HD MP @ HL
CHROMA	4:2:0
MAX BITRATE	15 Mbps
<b>H.264 ENCODING</b>	
ENCODE LEVEL	High Profile Level 5
CHROMA	4:2:0
MAX BITRATE	15 Mbps
<b>AUDIO PROCESSING</b>	
<b>AUDIO ENCODER</b>	
ENCODE STANDARD	AC-3 ATSC A/52 (2.0), MPEG1-LII
SAMPLE RATE	48 kHz
<b>DIGITAL AUDIO PASS THROUGH</b>	
AC-3 (2.0/5.1) PASS THROUGH	Yes (S/PDIF)
<b>ELECTRO/MECHANICAL</b>	
POWER CONSUMPTION	5W
DIMENSIONS	DVISM/DVISM/DigiVu/DigiVu Mini Plug-in Card Form Factor

Specifications subject to change without notice.

