

JVC®

The Perfect Experience

HDTV MULTI-FORMAT MPEG-2 ENCODER

DM-JV600U

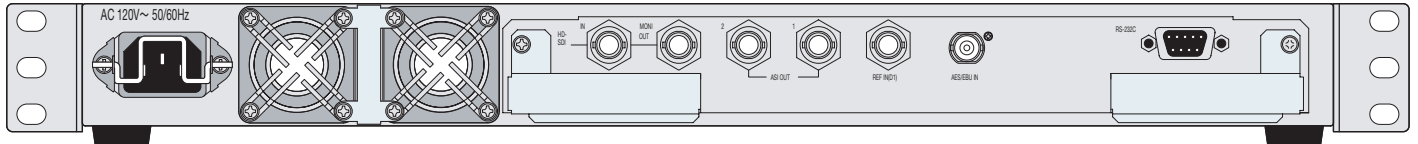


JVC's original MPEG-2 algorithm offers greater precision for higher quality HDTV encoding

- MPEG-2 MP@HL/HP@HL 4:2:0/4:2:2 video encoding
- 1080/59.94i, 720/59.94P compatible
- Video bit rate up to 45 Mbs
- Closed Caption via HD-SDI (SMPTE 334)
- MPEG-1 layer II (ISO/IEC11172-3) audio plus Dolby-D pass-through
- HD-SDI (Video: SMPTE 292M/ Audio: SMPTE 299M) input
- AES/EBU (AES3-ID) input
- DVB-ASI (MPEG-2 transport stream [ISO/IEC13818-1]) output
- RS-232C interface for external control

When you need true high-definition quality, JVC's original MPEG-2 encoding system is the ideal solution.

Incorporating advanced MPEG-2 encoding technologies exclusive to JVC, the DM-JV600 is a multi-format HDTV encoder designed for professional use that offers the ease-of-use, installation flexibility, and excellent cost-performance that JVC products are renowned for. Being combined with JVC D-VHS recorder/player DM-JV600 provides high-quality Mpeg-2 encoding solution for cost-effective distribution of HD content and high-definition digital "dailies" in the motion picture industry.



Specifications

VIDEO

Format:	MPEG-2 (ISO/IEC13818-2)
Profile:	MP@HL HP@HL 4:2:0 / 4:2:2 1920/1440/1280 x 1080/59.94i 1280 x 720/59.94p
Bit rate:	1080i: 9 - 45 Mbps 720p: 9 - 45 Mbps
Delay:	19-frame (1080i)/38-frame (720P)

AUDIO

MPEG-1 Layer II (ISO/IEC 11172-3)	
Mode:	Monoral, Stereo
Bit rate:	Monoral: 96kbps - 192kbps Stereo: 128kbps - 384kbps
Sampling rate:	48 kHz
Dolby Digital® (AC-3)	1-5.1 pre-encoded channel pass-through

OUTPUT STREAM

Format:	MPEG-2 Transport Stream (ISO/IEC 13818-1)
PSI, PCR:	Available
Packet size:	188

INTERFACE

Video input:	SMPTE 292M (loop-thru) HD-SDI BNC with HD-SDI Closed Caption (SMPTE 334)
Reference input:	SD-SDI (D1) BNC
Audio input:	SMPTE299M HD-SDI BNC AES/EBU (AES3-ID) BNC (L/R)
TS output:	DVB-ASI (188 Byte) BNC

CONTROL SPECIFICATION

Local control:	FL Display + Control Key RS-232C
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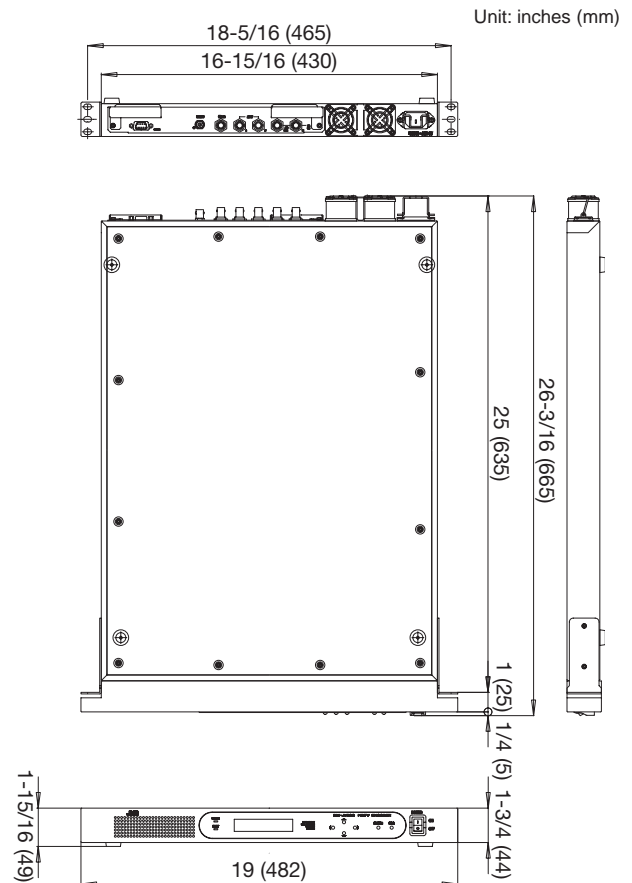
FUNCTION

Scene change detect:	Available
3:2 pull down:	Auto/Manual

GENERAL

Power supply:	AC 100 V - AC 240 V 50 Hz/60Hz Autoranging
Typical power consumption:	Approx. 100 W
Operating temperature range:	5°C - 35°C
Humidity:	30% - 80% (no-condensation)
Size (W x H x D):	Approx. 482 mm x 44 (49 with foot) mm x 630 mm(TBD)
Weight:	Approx. 10kg

Dimensions



Design and specifications subject to change without notice.



DISTRIBUTED BY



The Hachioji Plant of Victor Company of Japan, Ltd., has received ISO14001 and ISO9001 Certifications under the global standard for environmental management.

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