

ENCODER_{MPEG-2}

ENC-MPEG2



The MPEG-2 encoder can compress up to 4 analog (CVBS) or digital (SDI) video streams according to the MPEG-2 standard (ISO/IEC 13818-2) MP @ ML, and up to 8 analog audio channels according to MPEG-1 standard (ISO/IEC 11172-3) Layer 1/2. The encoder output is an ASI stream of the 4 multiplexed MPEG-2 Transport Streams.

TECHNICAL SPECIFICATIONS*

*specifications may be changed in accordance with the technical department

VIDEO ENCODING

Input signals
Video standard

Up to 4 CVBS or SDI (1 Vpp, BNC, 75 Ω)
PAL-BGH, PAL-I, PAL-D, PAL-N, NTSC 4.43, Comb PAL-N, NTSC-N,
SECAM-DKL, SECAM-BG, NTSC-M @ 60 Hz, PAL 4.43 @ 60 Hz,
NTSC 4.43 @ 60 Hz, PAL-M @ 60 Hz, NTSC-J @ 60 Hz
MPEG-2 (ISO/IEC 13818-2) MP@ML

Video encoding
Video processor
Video bitrate
Video resolution

9bit, 4:2:2 Output format, 4:2:0 MPEG encoding
Up to 15 Mbps per channel, Max 31 Mbps stream
Up to 720 x 576 (SD)

AUDIO ENCODING

Input signals
Sampling frequencies
Audio encoding
Audio bitrate

Up to 8 analog (0 dBm, 600 Ω)
32 kHz, 44.1 kHz, 48 kHz
MPEG-1 (ISO/IEC 11172-3) Layer 1/2
Up to 448 kbps

GENERAL

Output signal
Local control
Remote control
Power supply
Power consumption
Operating temperature
Storage temperature
Storage relative humidity
Dimensions
Protection degree

ASI continuous mode, compliant with EN50083-9 (1 Vpp, BNC, 75 Ω)
rotary encoder and display on front panel
RS232, HTTP, SNMP (on request)
110 ÷ 240 Vac
50 W typ.
-10 ÷ +45 °C
-20 ÷ +80 °C
10% ÷ 80%
Rack 19" 1U (483 x 45 x 270 mm)
IP50