



Special Recording Systems, Ltd.

Video Processor SRS DVP HD-04

□ Description

The video processor is designed to mix several video signals into one image.

The video processor allows also a multichannel standalone (backup)

audio and video recording and broadcasting of audio/video signal via IP network.

The device has four HD-SDI inputs and HDMI, VGA, LAN outputs.

This device is used as a part of the video display, recording, surveillance systems.



□ Technical specifications

Video inputs:

Quantity and type of digital video inputs: 4 x HD-SDI SMPTE 292M (BNC)

Video outputs:

Quantity and type of video outputs: - 1 x VGA (DB-15); - 1 x HDMI (HDMI Type A)

Audio inputs:

Quantity and type of line inputs: 4 x Unbalanced (RCA)

Nominal voltage of line input: 400 mV

Input impedance of line input: 47 kOhm

Audio outputs:

Quantity and type of line outputs: 1 x Unbalanced (RCA)

Nominal voltage of line output: 400 mV

Output impedance of line output: 100 Ohm

Frequency range for playback and recording: 50-16000 Hz

Frequency characteristics unevenness: ± 3 dB

S/N ratio, not less: 60 dB

Multi-view modes: Full; POP 1+3; PIP; Dual PIP

Standalone (backup) recording and broadcasting:

Quantity of recording and broadcasting channels: 4 (audio + video)

Audio recording and broadcasting codec: PCM G.711a, 16 bit, 16000 Hz

Video recording and broadcasting codec: H.264 Baseline

Video recording and broadcasting resolution: 1920x1080 (1080p), 1280x720 (720p), 720x576 (D1), 352x288 (CIF)

FPS of video recording and broadcasting: 1-25 frames per second

Bitrate of video recording and broadcasting: 256-6144 Kbits per channel

Activation modes: continuous, by signal of external sensor, by motion, manual, by special software (optional)

Automatic loop recording: yes

Size of recorded files: 171 Mb

Volume of built-in storage (optional): 2 x HDD, volume: ≤ 2 Tb

Access to records and broadcasted signal: LAN 10/100 Mbits (RJ-45)

Authorization to access records and broadcasted signal: Yes

User rights and user groups' management: Yes

Quantity of simultaneous connections of users to view broadcasting and records, max.: 9

Quantity of adjustable streams of network broadcasting: 2

Selection of stream (quality of broadcasting) while watching: Yes

Instant screenshot: Yes

Possibility to disable audio while watching: Yes

Full screen display of video while watching: Yes

General specifications:

Control of display modes by software: Optional feature

Interface language: English

Nominal voltage: 12 V

Power consumption, max.: 3 A

Included hard drive: 1 x 1000 GB 3.5" SATA HDD

Included brackets: Rackmount 19" 2U



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