



# MULTI CHANNEL RECORDING



Multi-channel recording from various sources according to schedule or in manual mode.

Support of circuit boards from various manufacturers what provides recording of analog and digital signals: HD/SD-SDI, CVBS + Analog/SDI Embedded Audio, MPTS/SPTS over ASI/IP, NewTek NDI. Mode and parameters are being set independently for each channel. Various profiles for recording are provided.



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# MAIN FEATURES

- Recording from various sources. Recording from capture cards and broadcasting server VPLay on one physical server or from network sources. Possibility of use of a single source of AV-signal for concurrent recording of several channels on one server.
- Number of recorded channels is limited to efficiency of the server only. For some formats hardware encoding using Nvidia NVENC, Intel Quick Sync Video is provided.
- Mode and parameters for recording are being set for each channel independently.
- Recording in required format or several formats.
- Visual real-time monitoring of any input and recording itself with displaying of audio level in PPM.
- Client-server technology.
- Software allows recording either according to the schedule. in manual mode, according to GPI, DTMF signals and SCTE-35/SCTE-104 marks.
- Scheduling and editing of the schedule using built-in editor VRec Manager.
- Continuous 365 days schedule with convenient navigation across the calendar.
- Daily As-run log.

# TECHNICAL SPECIFICATIONS

## SUPPORTED MANUFACTURERS OF I/O CARDS:

- Stream Labs
- Blackmagic Design DeckLink
- AJA KONA

## VIDEO CONTAINERS

- QuickTime MOV
- QuickTime MP4
- MXF
- AVI

## INPUTS

- SD/HD-SDI (Embedded Audio)
- Composite (Analog Audio)
- ASI/IP (MPTS/SPTS)
- NewTek NDI

## VIDEO CODECS

- H.264 4:2:0
- MPEG-2 4:2:0
- MPEG-2 1-Frame 4:2:0
- DVCam
- DVCPro 4:1:1
- DVCPro50 4:2:2
- DVCPro FID 4:2:2
- IMX 30/40/50 4:2:2
- DNxHD 120/185 4:2:2
- AppleProRes HD HQ/LT/NQ/Proxy 4:2:2
- AppleProRes SD HQ/LT/NQ/Proxy 4:2:2
- XDCAMHD 17/25/35 4:2:0
- XDCAMHD 50 4:2:2
- XDCAMEX 35 4:2:0

## ASPECT RATIO

- 16:9
- 4:3

## AUDIO CODECS

- MPEG Layer 1
- AAC
- ATSC A/52A (AC-3)
- PC

## RESOLUTION

- 720x576
- 720x486
- 1280x720
- 1920x1080

