

Video Recording from digital VideoInput

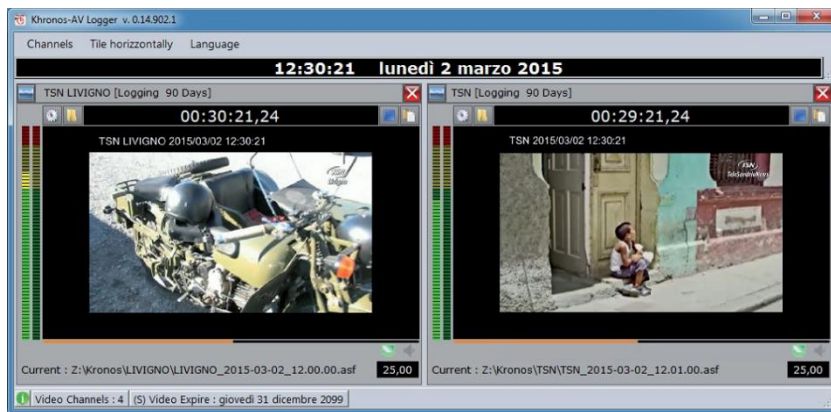
Khronos-WS-AV is a system for video multi-channel recording and monitoring with SDI or HDMI input until 4 different input.

Khronos-AV is an advanced audio/video logging software for digital non-stop recording.

The acquired files are automatically indexed by date and time, through a simple Media Player it is possible to access the content immediately, also from a computer on the network.

If disk space runs out **Khronos-AV** will automatically delete the oldest files.

System status is constantly monitored locally or remotely. Alarms may be notified via email or user define external device, advanced auto-diagnostic tools guarantee continuous up time.



The multi-channel acquisition via audio/video input and it will be set based on real customer needs and storage capacity. **Khronos-AV** has a setup which allows complete customization of software use: you can choose the length of each file. Its ease of use and its versatility make it an excellent tool for fulfilling the obligations established by law and also for other purposes.

SYSTEM SPECIFICATION

Hardware

Intel core i7, RAM 8GB, 120 GB OS disk, Lan 1Gb

Internal Storage

Expandable to 8GB in Raid 0, 1 or 5

Operating System

Windows 10

Supported Formats

H264, WMV, MPEG, MP4

Supported Languages

English, French, Spanish, Italian, Arabic

Dimension

Rack Mount 2U (482mm X 380mm X 89 mm)

Ordering Code

KR-WS-AV-1-x 1 video channel recorder

KR-WS-AV-2-x : 2 video channel recorder

KR-WS-AV-3-x : 3 video channel recorder

KR-WS-AV-4-x : 4 video channel recorder

Storage option -x

-2 2x 2 TB HardDisk Raid 1

-4 4x 2 TB HardDisk Raid 1

-8 4x 3 TB HardDisk Raid 5

-0 none

○ SOFTWARE FEATURES

- Multi-channel modular structure expandable up to 16 audio channels on the same server
- Storage records are configurable to specific customer needs
- Recording quality can be defined based on the available disk space, codec and bit rate
- Timestamp on video defined by user
- Automatically deletes oldest files
- It supports Local Area Network (LAN) to view recordings from unlimited clients on the network or from remote computers
- It allows the recording of the same video signal in different qualities and modes or only audio
- It can record the same source at low quality for logging, high-quality for programs replication and Internet quality for podcasts
- Snapshot grab at user defined interval
- Allows the programming time of the recordings or controlled via LAN or GPI
- Ideal addition to a system for streaming
- Continuous system monitor and sending alerts and information via e-mail

○ KHRONOS-player

Khronos Player is a useful for listening, monitor and extracting audio/video recorded by the **Khronos**.

FEATURES

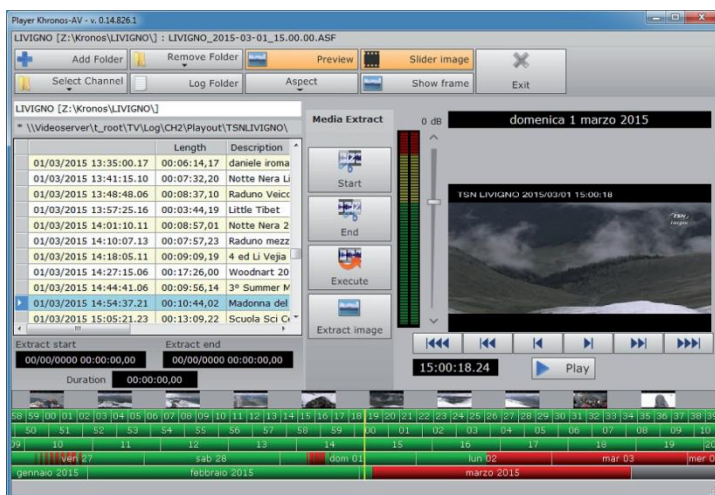
Listening and viewing records recordings

Conversion to different file formats

Reference to the transmission log

Rapid scrollable interface

Frame preview for easy search



○ INPUT SPECIFICATION

- SDI Video Input : 1 x 10-bit SD/HD switchable.
- SDI Audio Input : 8 channels embedded in SD and HD.
- HDMI Video Input: 1 x HDMI 1.4 type A connector.
- HDMI Audio Input: 8 Channels embedded in SD and HD.
- SD Video Standards : 525i59.94 NTSC, 625i50 PAL
- HD Video Standards : 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080i50, 1080i59.94, 1080i60
- SDI Compliance : SMPTE 259M and 292M.
- SDI Metadata Support : RP 188/SMPTE 12M-2 and closed captioning.
- Audio Sampling : Television standard sample rate of 48 kHz and 24 bit.
- Color Precision : 8-bit & 10-bit.
- Video Sampling : YUV 4:2:2.