softrust

VIDEO DATA
PROCESS MANAGEMENT

**State-of-the-art Systems for Surveillance,
Security, Protection and Process Management**

SeVA

NANO
NVR

SeVA NANO NVR

SeVA Nano NVR is a management platform for video data gathered from IP cameras. This CCTV professional solution provides more than just video recording:

- It offers all the basic features of a video monitoring product.
- It is designed to ensure the integration of different and interoperable services and systems.
- The platform can be customized according to the client's needs and it is the best solution at the best cost/benefit ratio.

SeVA Nano NVR is the best solution for any scenario: open platform, designed to gather data from any type of IP camera or encoding system.

GENERAL FEATURES

- Video data recording and management
- Display of the recorded data
- Data search function using different filters
- Back-up and data export
- Control of the PTZ cameras
- Monitor the status of the sub-systems and send reports on systems' malfunctions
- Dissemination of video information to other client systems
- Advanced functions for intelligent video processing
- Integration to other systems, including 3rd party (eg: VMS, PSIM, SCADA) for receiving and/or disseminating event related video and metadata

Live: The image display area can be configured as layout, size, format and position. The system ensures simultaneous functions: display of live images, control of PTZ cameras, display of the recorded images, all of this while ensuring the acquisition and management of the data provided by video sources.

Rapid and user-friendly access to video recordings: SeVA Nano NVR has a friendly and intuitive interface, providing the user with the best tools for an easy and rapid access to video data.

Status monitoring: SeVA Nano NVR is a real time tool for self-diagnosis, detection of technical dysfunctions and dissemination of information, including to 3rd party systems such as: Fault Management, SCADA, Integrated Command & Control.

SOFTWARE		
Application	KVision NVR	Software license for IP channels, ONVIF compliant
Protocol	The system functions with ONVIF protocol cameras and/or proprietary protocol cameras (3rd party) if SDK is available.	Integration function upon request or per project
Codec	MJPEG, MPEG4, H.264, specific natives for IP cameras	Optional: API based integration
Recording mode	Continuous, program compliant, alarm, MD	Continuous, program compliant, alarm, MD
PTZ Control	Pelco D	IP, serial RS232
User account control	Dedicated function for user management	The solution makes it possible to define functions and users that have access to the data base.
Display	Live & playback & record	The system ensures simultaneous data display and recording, as well as data search and display of the recorded ones.
Display menu for recorded data	Search function using different filters (video channel, time, type of event) & dedicated tool for the display of recorded images	For the playback function may be selected the speed (normal/rapid playback) and the display type (normal or reverse), as well as active zoom functions.
Video analytics	Proprietary algorithms for video data automatic processing	Optional: video analytics processing and/or gathering metadata from video cameras or other sources
Self-check	Automatic monitoring of video vcameras status and data base integrity	Includes other technical alarms or OS ones.
REMOTE		
Remote control	Ensures complete remote control via the client software	Client software license included
SYSTEM		
Operating system	Linux	Client app for Linux and Windows
CPU	Dual CPU, Intel Xeon 3204, 1.9GHz, 6 core	Support for GPU native use
RAM	16 GB RAM ECC	Dual Channel REG 2x 8GB
HDD	8 x hot-swap bays, hardware controller RAID 0, 1, 5, 6	included 24 TB: 3 HDDs 8 TB, Surveillance line
LAN	2 x 10Gbps	RJ45 LAN
Ports	2 x USB, VGA, HDMI	
Case	Case 2U rackmount	8x 3.5"/2.5" hot-swap bays
Power	Dual Power Supply	Redundant

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