



neVio



ENV800/1600/3200

NeVio Series 8, 16 or 32 Channel
Network Video Recorder & Server

The neVio Series Network Video Servers are designed for recording and managing IP video devices. Easy and intuitive operation, combined with intelligent search functions enable fast and efficient evaluation of video records. Compatibility with many IP cameras from many different manufacturers allows the installation of this NVR series in a wide range of security applications.

ENVS800/1600/3200

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Specifications:

Model No.	ENVS800		ENVS1600	ENVS3200
IP Video Channel	8		16	32
Recording/Playback Rate	Up to 30 FPS per channel			
Total Recording Rate	Up to 960 FPS			
View Mode	1/4/6/9/10/13/16/25/36			
Compression Supported	H.264/MJPEG/MPEG4			
Audio	Bidirectional transmission, 1 audio channel per video channel (depending on specification of IP device)			
Video Storage (excludes O/S and system software on HDD 1)	2TB	2TB		4TB
Internal HDD	Up to three 3.5" HDD SATA (1 system drive, 2 recording drives)			
Video Export	USB 2.0 interface or to network drive			
Network Interface	1 Gbit/s, RJ45, IEEE 802.3			
Other Interface	Six USB 2.0, PS2 keyboard/mouse. Optional EKB200 Joystick			
Alarm I/O	Support of I/O contacts of connected IP devices (depending on specification of IP device)			
Monitor Output	1x VGA out, 1x DVI out, 1x HDMI out - triple monitor support			
Power	115/230 (switchable) VAC, 300 VA max.			
Ambient Temp.	0°C ~ +40°C / 32°F ~ 104°F			
Housing	Low profile PC type			
Dimension (W x H x D)	328.6 x 85.73 x 4.4.34 mm / 12-15/16" x 3-3/4" H x 16-5/16"			
Weight	6.8 kg / 15 lbs			
Functionality				
Menu Language Support	Danish, English, German, Finnish, French, Greek, Italian, Japanese, Korean, Portuguese, Russian, Slovakian, Spanish, Thai, Czech, Turkish, Hungarian, Chinese			
E-Map	Unlimited number of maps or other graphics with free placement of camera or I/O icons			
Monitor Output	Triple monitor support: up to two independent monitors for Live view; third monitor for dedicated Playback view; or, if less than 3 monitors, Playback screen can launch on same monitor as Live View screen.			
Bandwidth Monitor	Optional OSD display of individual network bandwidth per camera and total streaming bandwidth			
Database Management	Integrated database management tool for reconstructing, repairing or relocating database and export option for configuration file			
Live View				
Video Analytics	General motion, missing object, camera occlusion, foreign object, loss of focus, signal lost; each alarm can trigger up to 10 different event reactions			
PTZ	PTZ control in OSD or with EKB200 Joystick for PTZ cameras. Digital software PTZ for all cameras			
Recording				
Recording Method	Continuous, schedule, event (motion, contact)			
Schedule	Individual for each camera, daily schedule with 6 possible recording modes			
Recording Rate	1~30 FPS adjustable for each camera (depending on camera capabilities)			
Playback				
Multi-Channel Playback	Up to 16 channels time synchronized			
Search Function	Time/date via calendar and time bar. Intelligent search with modes: general motion, missing object, camera occlusion, foreign object, signal lost			
Video Enhancement	Saturation, contrast, brightness, sharpness			
Video Export	Snapshot in JPEG format, video export in AVI or ASF format			
Video Backup	Backup of multiple camera video data to local/network video drive or external CD/DVD			
Remote Access				
Remote Video Access Method	<ul style="list-style-type: none">• Remote client software live view (up to 2 windows/monitors with up to 64 x view each at 1 PC)• Remote client software playback view (up to 16 x view) with remote backup function (multiple channel backup up to 16 channels)• Web browser view (64 Live/16 Playback)• Mobile phone client ("3G"/RTSP - streaming support required)• No limit for number of installations for all remote applications			
Remote Video Ch. Access	128 video channels total (max)			
Remote Maintenance	Remote desktop viewer allows complete network access to ENVS server (1 monitor display only supported) including configuration			

Features:

- Up to 32 channel or more video management from megapixel cameras, IP cameras and video servers
- Accepts MPEG4/MJPEG/H.264 video format
- Remote PTZ operation supports PTZ reaction presets
- Multiple monitor display with 36 cameras in Live View and 36 cameras in Playback View
- Local view with 1 or (optional) 2 monitors for Live View plus (optional) 1 monitor dedicated for simultaneous Playback View
- Remote Live View with 1 or (optional) 2 monitors (or 1 monitor for Playback View only)
- Smart detection on many types of camera, input, POS and system events, with 10 potential instant alarm responses (e.g. email alert & E-map pop-up)
- Complete I/O device integration
- Intelligent playback system with 5 video analytics searches
- Remote client live viewer, playback, backup, I/O control and remote desktop operation
- Joystick support on PTZ cameras (with optional EKB200) and software enabled digital PTZ function are both available. Preset points and patrol functions are also available on many camera models
- User friendly Graphical User Interface (GUI) with camera 'drag and drop' for setup and recording, familiar to all users with basic PC knowledge
- Audio and video recording synchronization
- Watermark capability
- Resource Management tool can monitor system resources and trigger instant alarm notifications
- DDNS functionality
- 3GPP/PDA/Mobile Handy Viewer support
- Remote I/O control
- Video enhancement tools to fine tune the image's visibility, sharpness, brightness, contrast or even grayscale
- Export to AVI or ASF file format
- Take snapshots from recording in BMP or JPEG format to print or save file
- Back-up video images to USB drives, CD/DVD or HDD
- Schedule recording can be set by day, week or repeating interval
- Intelligent Search (general motion, missing object, foreign object, camera occlusion and signal lost)
- Counting application with direction for certain objects or areas
- Unusual events are recorded to the system log, and counting application result can be exported to an Excel or text file for analysis

Ordering Information:

- ENVS800/2TB:** 8 Ch NVR with optional 2TB of storage
ENVS800/4TB: 8 Ch NVR with optional 4TB of storage
ENVS1600/2TB: 16 Ch NVR with optional 2TB of storage
ENVS1600/4TB: 16 Ch NVR with optional 4TB of storage
ENVS3200/4TB: 32 Ch NVR with optional 4TB of storage