



WebCCTV NVR

Most Standards-Based Network Video Recorder on the Market



WebCCTV NVR*

* Monitor is not included

- **WebCCTV NVR** is a cost-effective network video solution that supports advanced functions and introduces a new dimension of reliability and performance into the world of security in an extremely user-friendly way.
- **WebCCTV NVR** is a turnkey solution that consists of reliable hardware backed by an onsite warranty and optimally installed video management and operating system software.
- **WebCCTV NVR** is a high-quality solution that supports all possible standards and focuses on ease of use.
- **WebCCTV NVR** supports network and analog cameras of all leading manufacturers. As new cameras become available new camera drivers can be easily added on.

BASED ON DIGITAL STANDARDS

Since Quadrox replaced NTSC/PAL and VHS standards with 4 digital standards, WebCCTV NVR is the most standards-based network video recorder available on the market. As new standards emerge expect Quadrox to be the first to support them.

Recording in ASF

WebCCTV NVR natively records video in the industry standard ASF format (Advanced Systems Format), playable by multiple media players including Windows Media Player, Realplayer or open source players like Media Player Classic.

Variety of Standard Compression Codecs

WebCCTV NVR supports multiple compression codecs from a variety of camera manufacturers. This gives the freedom to choose a network camera using any of the following compression formats: JPEG, JPEG2000, MPEG-4, WM and all WM compatible codecs.

Open Process Control-Based Alarm Handling

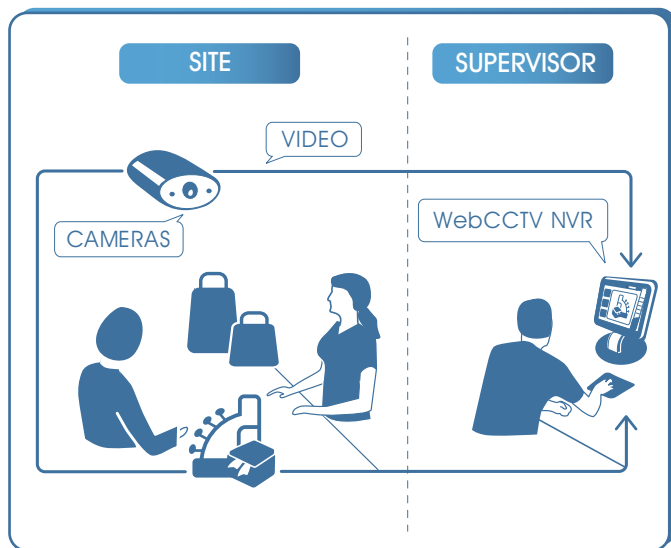
OPC is open connectivity via open standards. It is an official industry standard that defines how to handle alarms and events in a standardized way, allowing any OPC-based device to be controlled from any OPC server or client.

Simple Network Management Protocol

SNMP is a popular protocol for network management. It is used for collecting information from and configuring network devices, such as NVR servers, Network cameras, hubs, switches and routers on an Internet Protocol (IP).

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IT STANDARDS

- **Native recording in ASF**
Replaces VHS-tape with a standard file format
- **Standard compression codecs**
Like JPEG, JPEG-2000, MPEG-4, WM-9
- **OPC**
Open Process Control to handle Alarms in a standardized manner
- **SNMP**
Simple Network Management Protocol

CERTIFICATION

WebCCTV NVR is compliant with the new BS8418 security standard.



i n v e n t



KEY FEATURES

- **Advanced Recording**
Permanent, activity-based, alarm triggered, etc. with each setting made on a per camera basis.
- **Instant Remote Access**
Remote viewing of live or pre-recorded video from anywhere in the world via TCP/IP networks.
- **Fast Image Retrieval**
Retrieval of recorded video and the associated data of any event.
- **Virtual Patrol**
Time-controlled dome camera imitation of security guards rounds.
- **Single Sign On**
User Management is handled through the Windows User Management allowing single sign-on.
- **Health Monitoring Service**
Immediate notification in the case of a system component fault.
- **Instant Remote Alarm Notification**
Notification of the alarm via e-mail or SMS, and instant access to the alarm video footage.
- **Advanced Users' Management Protocol**
Specific user rights such as limited access to specific cameras, certain functionalities, defined languages, etc.
- **Advanced Logging**
Complete and clear overview of all user and system activities and interactions.
- **Data Transmission over Low Bandwidth***
High quality recording on the local storage medium and simultaneous transmission of live images without overloading the available network.
- **Multilingual Support**
English, Dutch, French, German, Italian, Spanish and Russian user interfaces.

* Depending on camera type

SPECIFICATIONS

Video Cameras	Up to 10 cameras per NVR160/320 (upgradable to 16 cameras) Up to 16 cameras per NVR500
Resolution	Support for high resolution MegaPixel cameras
Simultaneous Frame Rate Per Camera	30 frames/sec/camera*
Compression Techniques	The following compression techniques can be supported: WM7, WM8, WM9, JPEG, M-JPEG, JPEG 2000 (Wavelet), Mpeg4 or any other Windows Media compatible codec
Record Modes	Motion detection schedule based, continuous or event triggered
Supported Languages	English, German, French, Italian, Dutch, Spanish, Russian
Logbook Function	Documentation of all error messages, logins and other security relevant parameters
Search Criteria	Date, time, camera number, event, alarm, individual customer data, individual adaptations are available on request
Remote Client Software	Web based, installed upon first remote access
Quality and Bandwidth Control	Adjustable video compression rate, frame rate & resolution rate
Operating System	Windows XP Embedded

WARRANTY

3 year on-site next business day NVR hardware warranty. Extendable up to 5 years. Upgradable to 4 hour on-site intervention.

HARDWARE OPTIONS

USB I/O Device 24 Alarm Inputs/Outputs

WebCCTV NVS connects analogue cameras to the WebCCTV NVR

STORAGE

Storage Capacity Standard 250GB** for NVR160 500GB** for NVR320/500

Backup Device Internal DVD-R/RW

*Depending on camera type



Back panel

Product codes:

WebCCTV-NVR160
WebCCTV-NVR320
WebCCTV-NVR500

PROCESSOR

Processor	Intel Pentium D
Memory	1 GB RAM

INTERFACES

LAN	LAN/Ethernet Interface (10/100/1000 Mbit), RJ45
Serial	RS-232
Parallel	1 x 25 pin D-SUB for PC printer
VGA	VGA output connection for VGA/TFT monitor
USB	6 USB 2.0 ports
PS/2	Mouse/keyboard
Audio	Listen-in audio support

COMPONENT HEALTH SERVICE

Software watchdog

SNMP based system health service

AMBIENT

Temperature	5-40° C (41-104° F)
Relative Humidity	5-95 % RH, non-condensing
Altitude	0-3,048 meters (0-10,000 feet)

DIMENSIONS

H x W x D	13.3 x 14.9 x 3.95 in
Weight	22 lbs

** Storage capacity and expansion are subject to change. Current data on request.

