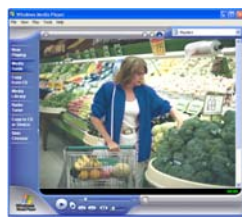




WebCCTV NVR

Most Standards-Based Network Video Recorder on the Market



Playback of recorded images

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 85% of all network cameras and 99.9% of analog cameras sold on the market. 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

Flexible selection of compression techniques enables customers to compress video data into a variety of formats including JPEG, JPEG2000, MPEG-4, WM and all WM compatible codecs. Such flexibility makes it possible to change to the preferred compression technology after purchase.

Open Process Control-based Alarm handling

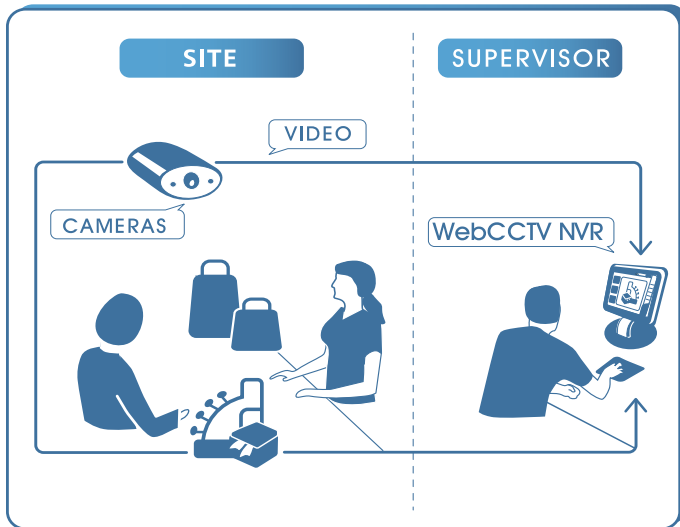
OPC is open connectivity via open standards. It is an official industry standard that defines how to handle alarms and events in a standardized way, allowing any OPC-based device to be controlled from any OPC server or client.

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) networked.

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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.



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.
- **Multi lingual support**
English, Dutch, French, German, Italian, Spanish and Russian user interface.
*Depending on camera type

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Most Standards-Based Network Video Recorder on the Market



SPECIFICATIONS

Video Cameras	Maximum 10 network & analog cameras per NVR
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. Upgradeable to 4 hour on-site intervention.

HARDWARE OPTIONS

USB I/O Device 24 Alarm Inputs/Outputs

WebCCTV NVS connects analog cameras to the WebCCTV NVR

STORAGE

Storage Capacity	Standard 160 GB/320 GB **
Backup Device	Internal CD-R/RW

PROCESSOR

Processor	Intel Pentium 4
Memory	512 MB

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

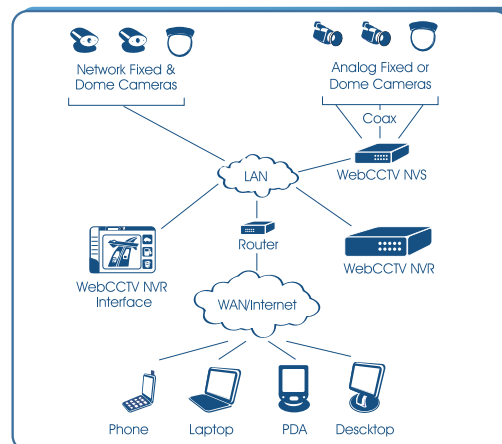
H x W x D	13.3 x 14.9 x 3.95 in
Weight	22 lbs

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

Product codes:
WebCCTV-NVR160
WebCCTV-NVR320



Back panel



* Depending on camera specifications