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).
WebCCTV NVR
Most Standards-Based Network Video Recorder on the Market

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

### 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.**

*Current data on request or visit www.quadrox.com Copyright © Quadrox 1993-2007. All rights reserved. Subject to change without prior notice.*