WebCCTV Outdoor

Most standards-based network video recorder for outdoor use

WebCCTV Outdoor*
*Camera is not included

WebCCTV Outdoor 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 Outdoor is the most standards-based network video recorder developed to work in the most unpredictable outdoor conditions where the normal NVRs would never survive.

WebCCTV Outdoor solution consists of

- A reliable network video recorder, backed by an onsite warranty

- A special housing box for NVR, located at the surveillance object

- Optimally installed video management and operating system software

WebCCTV Outdoor is a high-quality solution that supports all possible standards and focuses on ease of use.

WebCCTV Outdoor supports 85% of all network cameras and 99.9% of analogue 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.

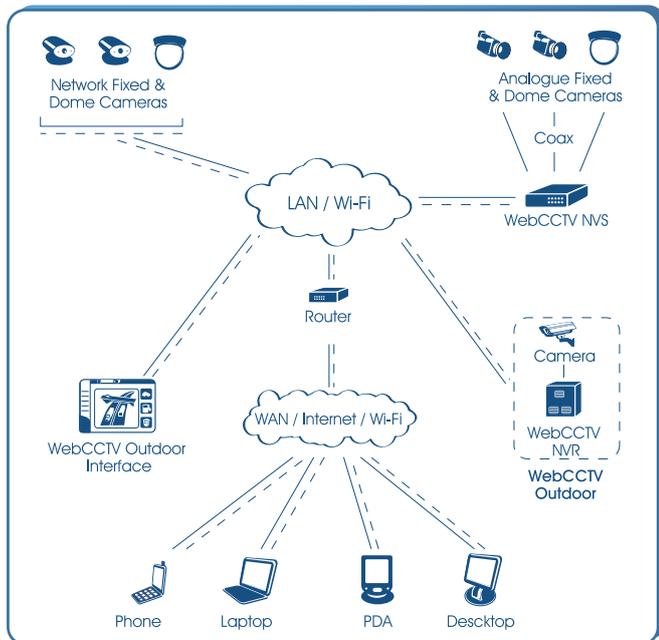### Open Process Control-Based Alarm Handling

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).

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SPECIAL FEATURES

Housing

The rugged (IK10) air-cooled housing is designed for outdoor use in a harsh environment, and operates at temperatures ranging from -40°C to + 60°C.

Networking

For a remote NVR, networking is crucial. WebCCTV Outdoor features extensive networking support. The unit can be accessed through: LAN, phone-line, wireless Ethernet, GPRS, ADSL, etc.

Remote Management

WebCCTV Outdoor can be completely configured and updated remotely. An extensive health service continuously monitors all system parameters. WebCCTV Outdoor features SNMP support just like standard WebCCTV units.

APPLICATIONS

Construction Sites

WebCCTV Outdoor can be installed on cranes, construction sites etc., monitoring the valuable equipment on sites that are often difficult to protect.

Ski Runs

Monitoring that takes place high up in the mountains. Through GPRS or Wireless Ethernet you get access to live or recorded images any time.

Traffic

Busy traffic crossroads are monitored remotely by traffic control. The permanent recording can be used as evidence in case an incident takes place.

Stables

WebCCTV Outdoor is installed in stables that are not in the proximity of the farm. Using wireless Ethernet, a connection is made with the farm and the farmer can monitor the animals from his PC.

Parking

Save putting expensive video cabling in existing parking lots. Place your DVR in the proximity of your cameras.

Other applications take place at ports, airports, bridges, tunnels etc.

CERTIFICATION

WebCCTV NVR is compliant with the new BS8418 security standard.

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SOFTWARE KEY FEATURES

Advanced Recording

Recordings can be defined as permanent, activity-based, alarm triggered or a combination of all of the above. Each setting can be made on a per camera basis. Recording duration of video fragments can be defined based on the importance of the specific fragment stored.

Instant Remote Access

The advanced web-based client-server architecture of WebCCTV allows remote viewing of live or pre-recorded video from anywhere in the world via TCP/IP networks.

Fast Image Retrieval

WebCCTV intelligent search tools allow retrieving recorded video and associated data of any event. This saves hours of time previously spent on manual search.

Health Monitoring Service

WebCCTV features a Health Monitoring Service that upon detection of system component faults immediately notifies the operator. It features auto recovery functions that maintain the permanent and stable working of WebCCTV.

Data Transmission over Low Bandwidth*

Regardless of whether a customer has a high bandwidth LAN connection or a low bandwidth wireless GPRS, WebCCTV guarantees high quality recording on the local storage medium and simultaneous transmission of live images without overloading the available network.

*Depending on camera type

Instant Remote Alarm Notification

In case of an alarm, WebCCTV will instantly notify the customer of the event via e-mail or SMS, give instant access to the alarm video footage and/or automatically move it to a secure server.

Single Sign On

User Management is handled through the Windows User Management allowing single sign-on. If you are signed on as the authorized Windows user you don't need to sign on again to access WebCCTV.

Advanced Users' Management Protocol

With WebCCTV users can be granted specific user rights such as limited access to specific cameras, limited access to certain functionalities, user defined languages, etc.

Advanced Logging

WebCCTV logbook gives a complete and clear overview of all user and system activities and interactions. Logs are accessible through the WebCCTV logbook or through Windows Event Viewer. Logging allows for immediate detection of tampering attempts or a better understanding of system usage.

Virtual Patrol

The WebCCTV configuration permits a time-controlled dome camera sequencer to imitate security guards rounds.

Multilingual Support

The user interface can be configured depending on the user in languages including English, Dutch, French, German, Italian, Spanish and Russian.

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TECHNICAL SPECIFICATIONS

Case	440 x 650 x 255 mm (w x h x d)
Resolutions	Up to Mega Pixel
Camera types	Support for synchronized and unsynchronized cameras
Video Inputs	10 video inputs (monochrome or color cameras)
Alarm inputs	6 inputs (dry contacts)
PTZ support	Panasonic, Pelco, Vicon, BBV, etc.
Multitasking	Simultaneous playback, recording and live display of all cameras
Refresh rate	Continuous activity based recording at 6 images/sec/camera when recording on all cameras simultaneously
Compression ratio	Up to1:150 (camera specific compression settings)
Storage capacity	Depending on disk size, activity and frame rate
Movie Authentication	Digital Signature technology
Movie export	Advanced System Format with MPEG4 compression technology
Image transmission	TCP/IP; simultaneous users

TECHNICAL SPECIFICATIONS

Transmission quality	Differential image transmission of which the quality can be set per camera and which can be different from the camera recording quality settings
Control interface	Web interface
Activity detection	Algorithmic activity recognition with per camera configurable sensitivity (activity detection increases recording capacity drastically)
Masking	Non-relevant areas can be masked to optimize recording
Networking	LAN, ISDN, ADSL, cable modem, Wireless Ethernet, GPRS
Operating system	MS Windows XP Embedded
Volt/power/ ever. Consumption	230 V /max 3A / 80 W

ENVIRONMENT SPECIFICATIONS

Storage	-40°C - +100°C
Operating	-40°C - +60°C
Altitude (ft)	15,000
Relative humidity	0-90%
Dust/Water resistance	IP55
Stroke resistance	IK10

WebCCTV Outdoor Housing complies with the following standards and homologations:
BV, IMQ, GL, LR, CSA, UL.

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