

# IP Video Surveillance

## VVMS -Xpert™

### Video Management Software



#### Overview

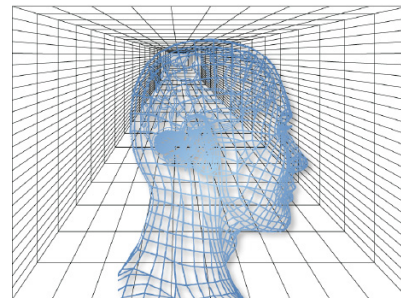
VVMS-Xpert™ is an intelligent video management software for IP CCTV with Videoteknika IP products. It delivers a combination of IT technology and video source formatting integrated into a tailor made user friendly video management system for security applications. VVMS-Xpert™ provides the added benefit of an open architecture that allows for multiple video compressions to be viewed live, recorded, archived and exported simultaneously creating redundancy and flexibility.

#### Main Features

- Intelligent 1024 Channels in 1 Server Powerful VMS
- Easy Installation with High-Tech Software Status
- Easy Scalable Integration
- NVR / DVR / IP Camera compatible
- Local & Remote Viewing Facilities
- User Client/ PC Storage Server/ Stream Media Server/ Decoder Server & Encoder Server
- Live View / Instant Playback & PTZ Control
- E-MAP Facility including POI Function
- Multiple instant-event interaction
- Complete Alarm Management
- Configurable Multi-Screen Video Wall Drivers
- Auto Search Facility for Videoteknika Cameras
- Multi-Level User & Administrator Parameters
- Camera Device Management & NVR Management
- Multi-Language support like Spanish, Arabic, French, etc.
- New & Improved Layout for better User Experience
- Dynamic Video Stream switching saves Bandwidth
- License Plate Recognition System
- Spotting Humans, Animals & Cars on Wrong Side of Road
- Recognition of Traffic using Heat Mapping Technology
- Spotting of Cars on the shoulder
- People, Objects & Vehicle Counting
- Cross-Line Detection & Missing Object Detection
- Alarm in-case of Camera Tampering & Un-restricted Area Entry

#### Intelligent Video

In addition to digital video, VVMS-Xpert™ provides the added value of Intelligent Video. VVMS-Xpert™ provides flexibility in video management via analytics of motion detection, video loss detection and network loss detection.



#### Integration

VVMS-Xpert™ is compatible with various Videoteknika IP encoders, decoders NVRs & DVRs enabling the system to be totally IP, Hybrid or even analogue viewed on an IP infrastructure. VVMS-Xpert™ supports a wide range of IP cameras consisting of Domes, C-mount, Bullet and Speed domes ranging up to 12 Megapixel resolution.



# Videoteknika

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## Specifications

Specifications	VVMS - Xpert™
<b>General</b>	
User Mode of Management	CMS – Central Management System
User Web Client	IE8/9/10, Google Chrome, Firefox supported
User O/S Client	Win7 & above , 32/64bit
User Mobile Client	iOS / Android
User Integration	3rd party product integration via ONVIF
Multi Language Support	Spanish, Arabic, French, etc.
<b>Live View</b>	
General Screen Layout	1, 4, 6, 8, 9, 13, 16, 25, 32, 36, 64
Wide Screen Layout	4, 6, 7, 9, 12, 16, 24, 36, 48
Auxiliary Display Screens	1 (Main Screen) + 3 (Auxiliary Screens)
Instant Playback	Instant playback in live-view screen
Operation Panel	Manual recording / Screenshot / Pan-Tilt-Zoom / Electronic-Zoom / Audio
<b>Video Playback</b>	
Video Display Layout	Up to 16-CH simultaneous playback
Video Search Modes	Searchg by Camera , Time , Event , VCA playback
Video Speed Control	1/8x , 1/4x , 1/2x , 1x , 2x , 4x , 8x
<b>Alarm</b>	
Trigger Input	Motion Detection, Face Detection, Defocus Detection, PIR, Illegal Access, Region of Interest, Traversing Virtual Plane, Video Tampering, Vdeo Loss, Video Standard Not Matching, IPC/Record Image Resolution Not Matching, I/O Input, Audio Exception Alarm, Alarm Raid Excepted, Device Offline, Server Exception, HDD Full, HDD Read/Write Failed, HDD Unformatted Alarm
Trigger Response	Pop-up real-time video on client, recording, PTZ, alarm output, message, E-mail
<b>Log</b>	
Log Types	Alarm log, Operation log, System log, Device log
Log Backup	Yes as .csv format
<b>Software Details</b>	
Servers	Single (1)
Connected Devices / System	1024
Supported Cameras / System	1024
Online Clients / System	16
Max. Users	Unlimited
User Permission Levels	100
Max. Storage Servers / System	16
Max. Cameras / Storage Server	128
Max. Bandwidth of Video Input / Stream Media Server	200 * 2Mbps
Max. Bandwidth of Video Output / Stream Media Server	200 * 2Mbps
ONVIF Compliant Device Support	Yes
GIS Integration	Yes



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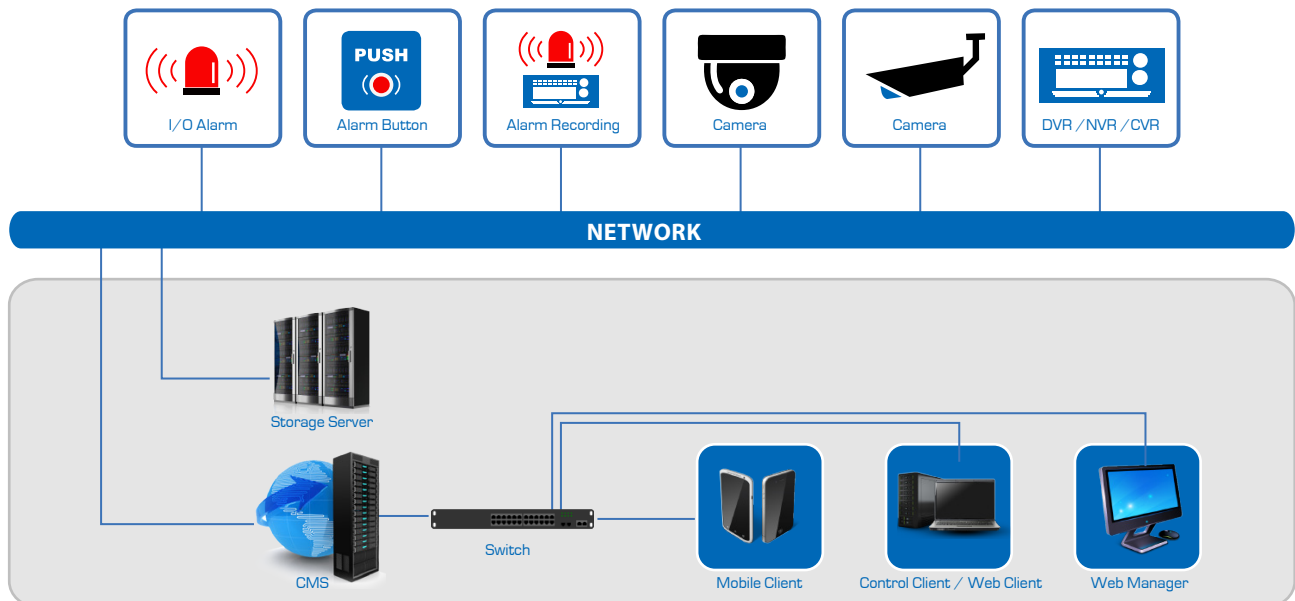
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## Recommended System Requirements

Recommended System Requirements	VVMS - Xpert™
<b>SERVER SIDE</b>	
CPU	Intel E5 - 2725 or better
RAM Memory	8GB x DDR3 RAM or more
Network	2 x 1000Mbps
Operating System	Windows Server 2008 R2 SP1 at least
Database Type	PostgreSQL / Oracle
<b>CLIENT SIDE</b>	
CPU	Intel Core i5 750 or better
RAM Memory	4GB x DDR3 RAM or more
Network	1 x 1000Mbps (Intel or RealTek)
Graphics Card - GPU	Geforce GTX 460 or better
Control Client OS	Windows 7 / 8
Web Client / Web Manager	IE8 or above / Firefox 3.5 or above / Chrome 8.0 or above

## Typical Application



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**Ordering Information**

Software	
VVMS - Xpert™	Intelligent Video Management, NVR – DVR – Up to 1024 x IP Camera compatible, Local and Remote Viewing Facilities, Flexible, Scalable, Powerful Functions, Division in Multiple Sites, CVR, Multiple Storage Solution, Several Database Options, Full Event Log Search, Video Wall Drivers, Multi-Level User Access, Alarm Inputs & Outputs, Email Notifications, E-MAP.

**Affiliations:**



**Partners:**

