

## Observe Video Management System

# FEATURES:

## Basic Features

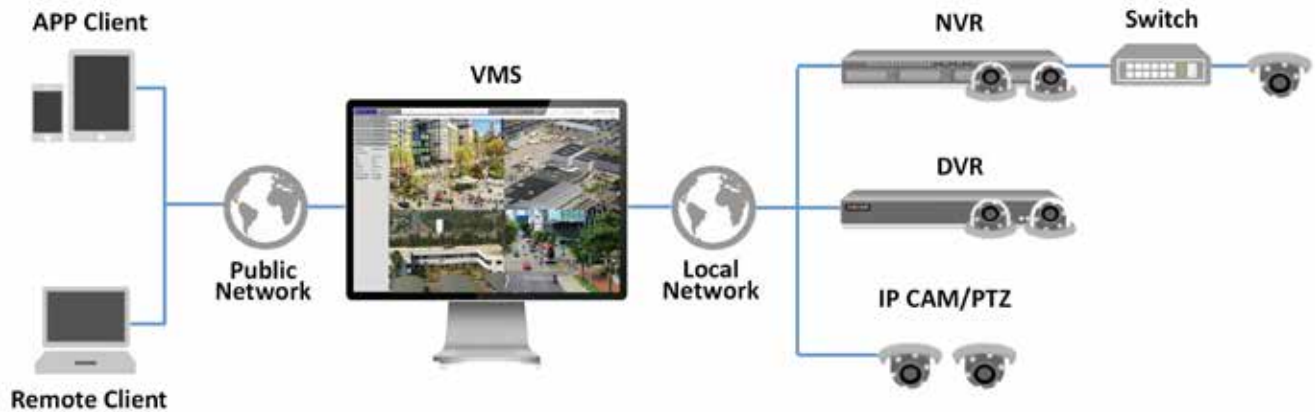
- H.264 Live View, Recording and Playback
- 32 Channel Recording
- Event Trigger, Response and Notification
- Remote Viewer (Client)
- 128 Channel Multi-live View
- NVR Recorded Video Archive
- ONVIF Protocol Support
- Export File with Multi Formats

## Advanced Functions

- Customized Layout
- Unlimited Camera Connection
- Hardware / Software Decoding Support
- Fisheye Dewarping
- Bandwidth Management
- Event Audio Notification
- Covert Account Setting
- User-Friendly Modification
- Up to 128 Channel Live at Same Time
- H.265 Support
- Highlight Browser Mode
- HTTP Streaming Support
- E-Map
- Synchronized playback
- Multi-tab Live View Page Layout
- Customized Layout
- High Light Browser Mode

# OBSERVE Video Management System

## SYSTEM DIAGRAM



## General

Maximum Number of NVR	Unlimited
Maximum Number of Clients	8 viewers / 128CH streaming connection(concurrent)
Maximum Number of Cameras	Unlimited
Free License	32 CH recording, 128 CH live view display
Compression	H.264, H.265
<b>Live view</b>	
Display Mode	1, 4, 9, 16, 25, 36, 49, 64, 132, Browser, Custom
View Manager	A interface to define layouts and pre-set cameras in multiple view mode
View Patrol	Able to switch between different view pages and devices
Layout Manager	A interface to modify display layout, position and the size of live view of camera within layout
Digital Zoom	Zoom in/ Zoom out digitally by mouse scroll wheel
Snapshot	Instant snapshot upon mouse click
Event Notification	Alarm, Motion detection, Connection loss/ auto reconnect between VMS and NVR/camera
Bandwidth Management	Live view with stream 1 in full screen mode or stream 2 in multi-view screen mode (Bitrate adjustable)
Camera Management	Camera control, image setup, camera video format, IR/Exposure setup, Camera information

## E-Map

Layout	Area maps with camera icons, small live view screen; alarm trigger, event trigger
Setup	Google map positioning; E-Map image upload; camera positioning; camera vision angle and direction

## PTZ

Control	Pan, tilt, zoom control; focus, exposure adjustment
Preset Points and Tours	Set/ Activate Preset points; Set/ Activate tour routes
Joytick	USB based Joystick support (CH Flightstick Pro 4-Button integrated)
Default protocol	SensorTec

## Device Management

Device Search	Auto connect/ Auto scan / Manual add NVR or Camera
Device Information	Model name, IP address, MAC address, type, protocol, streaming port, port, video snapshot
Search Filter	IPCAM, NVR, DVR, VSS; ONVIF

## Playback & Export

Recording Search	Search video recording by time, event, channel from multiple cameras/ NVRs Instant view, snapshot and export
Playback control	Continuous forward and backward with speed 1/4x, 1/2x, 1x, 2x, 4x; pause
Synchronized Playback	32 CH(Local)/ 64 CH(Remote Suggest)
Snapshot	Instant snapshot upon mouse click
Digital Zoom	Zoom in/ Zoom out digitally by mouse scroll wheel
Video Export	Export Video clips with AVI, RAW, MP4, MKV, MOV; signature supported

## Event Management

Event Source	Mmuolttiopnledceatmecetrioans/, NAIVaRrms , Video loss
Event Trigger	Video motion detection, Alarm, Video loss
Event Response	Instantly Record video, audio notification, full screen pop-out with live video, email notification
Smart Search	Smart search list for recorded videos by video motion detection/ alarm/ video loss

## System

Video decoding	Hardware/ Software
Permission Management	Unlimited number of users, Active Directly, customized permissions for different user Including covert cameras/ NVRs, device management, playback & export
Language	Multiple language support
Operation Log Management	Recorded list of user operation, IPCAM event, NVR event
System status	Instant view of CPU usage, RAM, HDD valid space, Network status
Setting Import/ Export	Possibility to import or export setting packs for convenient VMS setting management

## Remote Access

PC Client Software	VMS software with Live view, Playback, E-map, setup
PC Web Browser	Microsoft Internet Explorer 11 with 16CH display layout

## Remote Access

### Minimum

### Recommended

	Minimum	Recommended
CPU	Intel CPU Core i3-4150 3.5GHz	Intel CPU Core i5-4590S 3.2GHz
RAM	2x2 GB	2x4 GB
Graphics (e)	Intel HD Graphics 4400	Intel HD Graphics 4600
IP Camera Input	64 CH live view with 16 CH recording	128 CH live view with 32 CH recording
Hard Drive Space	500MB	500MB
OS	x64 Windows 7 Ultimate, Windows 7 Enterprise, Windows 7 Professional, Windows 7 Premium, Windows 7 Basic x64 Windows 8 Enterprise, Windows 8 Pro, Windows 8	
Software	NET 4.0 Framework	



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