

ILDVR

Next Generation IP-CCTV Solution



ILDVR InVS™

InVS-9x16 Key Specs:

- 256 cameras recording
- 144 cameras preview
- 16x Face Recognition Camera
- 16ch simultaneous playback
- 16x 3.5" HDDs @ unlimited capacity
- 32 POS machine integration



Face Recognition
IP Cameras



License Plate Recognition
IP Cameras



All types of IP Camera



All types of analog camera
[AHD/TVI/CVI/CVBS]



Dual Monitors
[HDMI + VGA]



InVS Server



Network Switch



AHD/TVI/CVI/CVBS DVR



TV Wall [HDMI]
Max. 20 Monitors



IP Matrix
[TV-wall Controller]



IP Keyboard



InCS [Linux VMS]
Desktop Client



Live Center [Windows VMS]
Desktop Client



Android & iOS Apps
Mobile Client
Receive Alarm Push Notification

Overview

Today most people are accustomed to having video surveillance system in their homes or offices that keeps video recordings of everything happening on your property. Whenever you or your company need to, you can access this video footage to watch what has happened in front of the cameras in the past. You have these cameras in your home or office for post-protection - meaning you want to be able to use your recordings to identify an antagonist and use the recordings as evidence of this person's wrong-doing against you. But these recordings can only help you after the incident, not during! And you could spend a lot of precious time or resources to find out your evidence. Is there a better way to do it?

What if you have a smart surveillance system to report you if it spots a home invader in your yard or a suspect illegally coming onto your company premises, will that make a difference? This is all about what **Face Recognition Surveillance** technology is. Instead of using video surveillance to protect yourself after the incident has taken place, Face Recognition Surveillance can help prevent your antagonist from completing their wrong deeds in the place – saving you and your company from wasting precious time and resources on post-incident review and hassles. **Motion Detection** alarm is easy to be affected by background environment thus it has high rate of false. It is good for recording but not practical in real-time alarm system. Even the mainstream IVA technology currently in the market is also rooted in Motion Detection technology and has been caught up and exceeded by **Biometric Surveillance system**.

Using ILDVR InVS Face Recognition function, you can upload 16 photos of a person of interest into the “**Black List**,” a list of people you do not want on your property. The system will continuously analyze the live video stream from your strategically mounted cameras, track the detected face when they are moving towards the camera, and match the Face to those in the Black List until it finds the persons on that Black List. InVS has options to send alerts to you or report to security officers.

Limited by its performance of DSP processor, embedded DVR/NVR [Standalone] cannot deal with **Face Matching** due to a large amount of computing. They have served their purpose and no longer allow you to grow, expand or upgrade on their capability. Throwing money at this technology will only backfire. Saving money now will cost you later. Smart people invest in technology that will continue to grow and allow you to add to it in the future.

Based on the best performance of Intel x86 CPU and GPU-accelerated computing technology, coupled with the industry leading technology of Face Recognition algorithm, ILDVR InVS delivers an automated, active, accurate, robust, real-time protection and gives you the ultimate peace of mind. You can rest assured that you and your property are protected in real-time.

Comparison -- DVR vs NVR vs InVS			
Key Features	DVR		InVS
Video Source	Analog AHD/TVI/CVI/ CVBS		IP video, better image quality than analog video even at same resolution
Camera Channels	Typical 4, 8, 16 and 32.		1 to 256 unconstrained, flexible & expandable
Camera Resolution	Up to 5MP	Up to 8MP	Unlimited, easy upgrade
HDD Number	Typical 1, 2, 4, 8		1, 2, 4, 8, 12, 16, 20, 24, and more
Single HDD Capacity	Typical 4TB or 6TB		Unlimited, future proofing
Basic Functions	Video preview, recording, playback, remote app viewing ...		
Playback Channels	Typical 1ch to 4ch, some 8ch		Up to 16ch
Fast Investigation	Recording type filter and time lapse only		Besides of recording type filter, ther are Smart Search, Incremental Search, POS machine event search, Search by Face, Search by LPR, ...
2-way audio	Some support		Support
Alarm Push	Some support		Support
Remote Management	Web client or VMS		Web client, VMS, Teamviewer, VNC
Built-in Web Browser	No		Firefox, Chrome
Advanced Camera Setup via web browser	No		Yes, like config of resolution, frame rate, bit rate, exposure, BLC, WB, WDR, etc.
Built-in Working & Entertainment software	No		Yes, just like a PC, support email, word, excel, movie and music, etc.
Face Recognition	No	Some support paired Face Recognition camera, but only simple Face Detection	Support both paired Face Recognition camera and any type of IP camera to perform Face Detection and Face Matching
Face Verification based Access Control & Attendance System	No	No	Support
License Plate Recognition	No	Some support paired LPR camera	Support paired LPR camera
Other Smart Function	No	Some support paired smart camera	People Counting, Intrusion Detection, Tripwire Detection, Missing Object Detection, Unattended Object Detection, Movement Direction Detection

Technical Specifications			
Model	InVS-9316H	InVS-9516H	InVS-9716H
CPU & Memory	i3 + 4 GB [8 GB optional]	i5 + 8 GB [16 GB optional]	i7 + 8 GB [16 GB optional]
Ethernet Port	2x 1Gbps LAN ports	3x 1Gbps LAN ports	4x 1Gbps LAN ports
Video Input	Max. 96ch@1080P	Max. 192ch@1080P	Max. 256ch@1080P
Remote Face Recognition Camera	4 ch	9 ch	16 ch
Local Face Recognition Camera	2 ch	3 ch	4 ch
Video Output	HDMI + 1 VGA, support Ultra HD 4K		
Video Upload	Max. 256 channel video upload to network		
Compression	H.265 & H.264		
Voice Intercom	1ch audio in, 1ch audio out		
Split View	1/4/6/8/9/13/16/25/28/33/36/49/64/81/100/121/144		
Display Resolution	Self adapted, supports 4K / 1920*1080 / 1680*1050 / 1280*1024 / 1024*768		
HDD Management	Auto search HDD and set to ready for record		
Recording Resolution	12M, 4K, 6M, 5M, 3M, 1080p, 720p		
Recording frame Rate	Max. 50fps [PAL] / 60fps[NTSC]		
Recording Mode	Manual, Schedule[Continuous, Motion detection, Sensor, Normal & Motion, Normal & Sensor, Stop], IVA Events		
Recording Priority	Manual >Alarm >MD >Regular		
Black Name List Function	Support		
LPR Function	Support		
Other IVA Function	People Counting, Intrusion Detection, Tripwire Detection, Missing Object Detection, Unattended Object Detection, Movement Direction Detection		
POS Machine	Support, max. 32ch		
E-map	Support		
Trigger Events	Recording, PTZ movement, Alarm out, Email, Buzzer, Alarm Push Notification		
Motion Detection	Uploaded from IP cameras or system enable		
Playback Channel	16ch@1080p synchronous		
Search Mode	Video Analysis Event, Smart search, Icon Search, Time/Date, Alarm, MD & Exact search [accurate to second]		
Playback Function	Simultaneous play, single frame, Incremental Search, Record mode filter, Backup, Grab		
Backup Mode	USB, network download		
Hot-swap HDD Slot	16 slots, UP TO 160TB		
RAID Support	Raid 5, RAID 6		
USB Port	4x USB 3.0, 2x USB 2.0		
Alarm in/out	4/2		
Power Supply [PSU]	AC100-240V/600W		
Redundant PSU	Optional		
Working Temperature	-10°C ~ 50°C		
Operation Humidity	10% ~ 90%, no-condensing		
Dimension [W×D×H]	440×650×133mm		
Weight [Without HDD]	17kg [37.5 lbs]		