

CamPro Professional

Professional Intelligent Video Surveillance Software

The CamPro Professional is AirLive's intelligent video surveillance recording software that is designed to meet most demands for professional installations. The Professional version greatly enhances the video analysis functions that can be applied to diverse surveillance scenarios. Based on client/server architecture, CamPro Professional also offers remote management, which means you can install it in your server room and access the system anywhere.

With the bundled CMS software, you can quickly build-up central managed surveillance structure for franchise stores and central-branch office networks. Moreover, the CMS software also supports AirLive's hardware NVR family.

CamPro Professional supports not only AirLive IP camera, but also cameras from most of the main stream brands. In an installation project where a hybrid environment occurs, CamPro Professional can easily help you to integrate most of those existing IP cameras. Even projects with CCTV cameras, you can still use our VS-100 for integrating them into CamPro Professional.

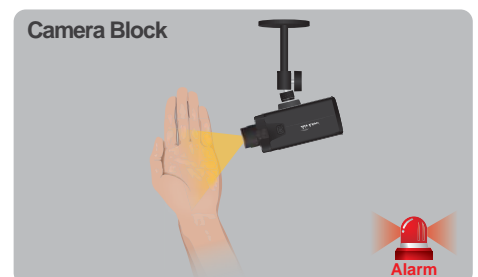
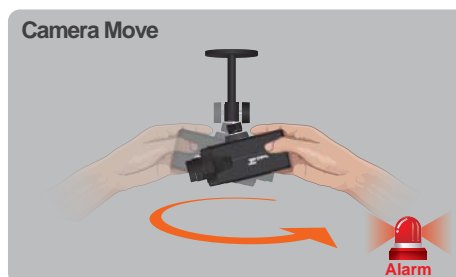
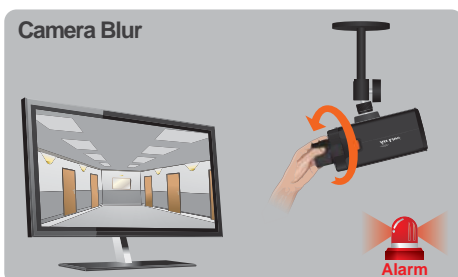


Intelligent Video Analysis

CamPro Professional provides several kinds of intelligent video analysis functions that will help you to save your human power and reach the goal of automatic surveillance.

Tempering Detection

The tampering detection function will provide alarm when your IP camera is under attack. For example, if the intruder tries to move the IP camera to the other side, the CamPro Professional will recognize the attack and send out the alarm on the screen or via digital output devices.



Object Loss Detection

Object Loss Detection can be used to safe guard a piece of art or important objects. After users set the area for guarding, the system will send an alert or alarm if the object is missing. It offers the second line of defense

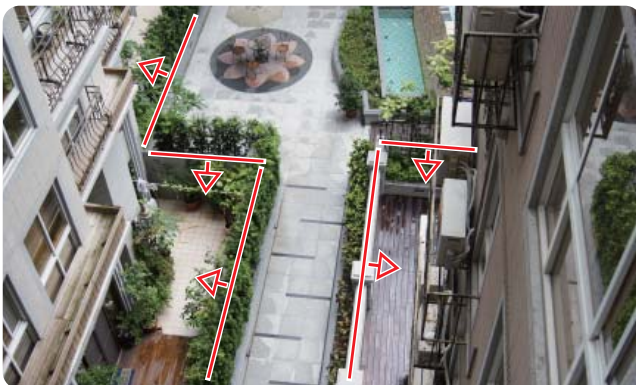


Foreign Object Detection

Foreign object detection will automatically find out if there are some objects suddenly appeared in the viewing field of the camera. It is suited to safeguard public areas like metro station, city hall or airport from potential explosives. When some suspicious objects stay in front of the camera, the CamPro Professional will post a warning for reminding the security guard

Tripwire Detection

Trip Wires are image lines that are drawn for protection. When an object moves across the line, the system will send alarm. It can be set to detect one direction or both directions. It is useful to protect walls, railroad platform, or parking lot entrance.



Detect objects crossing the wall



Detect cars entering the wrong direction

Object Counting

Object Counting let store owners to calculate the number of customers in and out of the stores. You can choose one direction or both direction for counting. The number can be display on screen and saved to a database file. It is also useful to calculate the amount of traffic flow on the high way.



Face Detection

For marketing people, to get the information about their target customer is very important. In this scenario, they can utilize the face detection function, which will collect the information about human face in front of the camera such as the number of the customers stayed before their billboard.

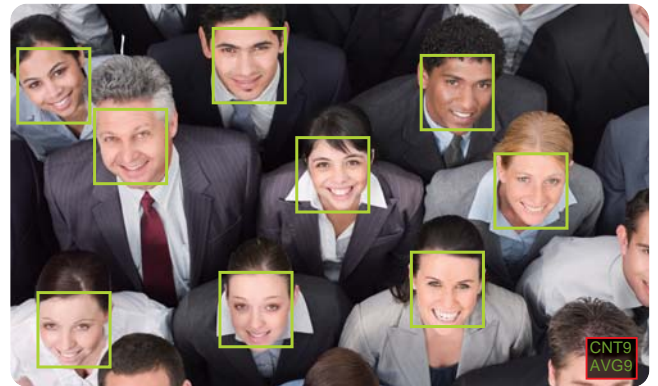


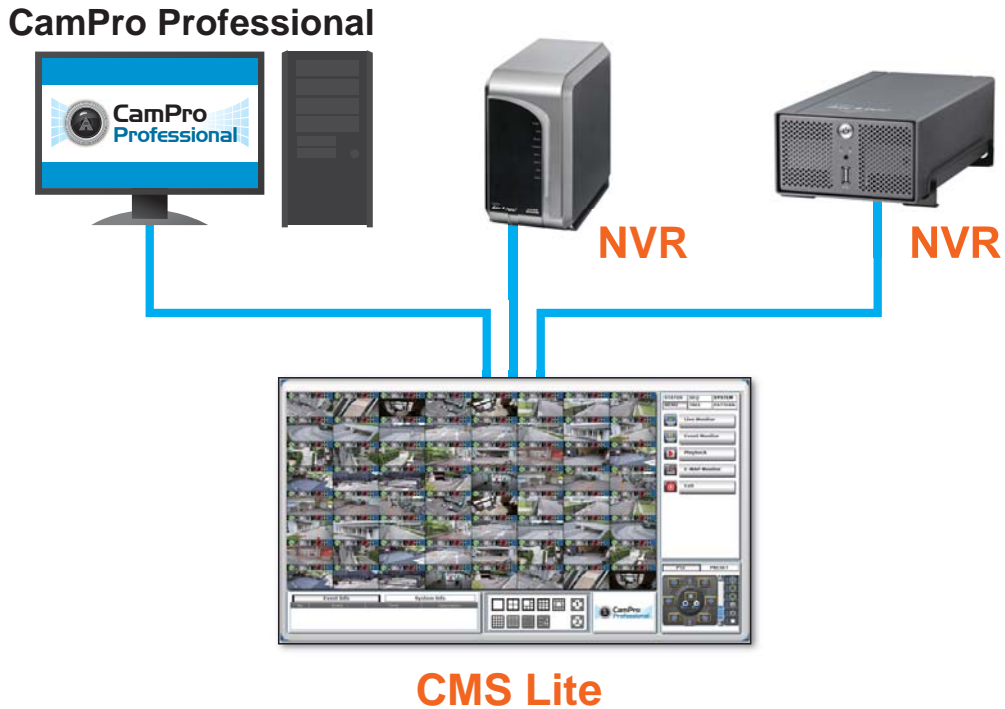
Image Enhancement

With this function, you can improve the image quality in a foggy or raining day. It can be apply during recording or viewing.



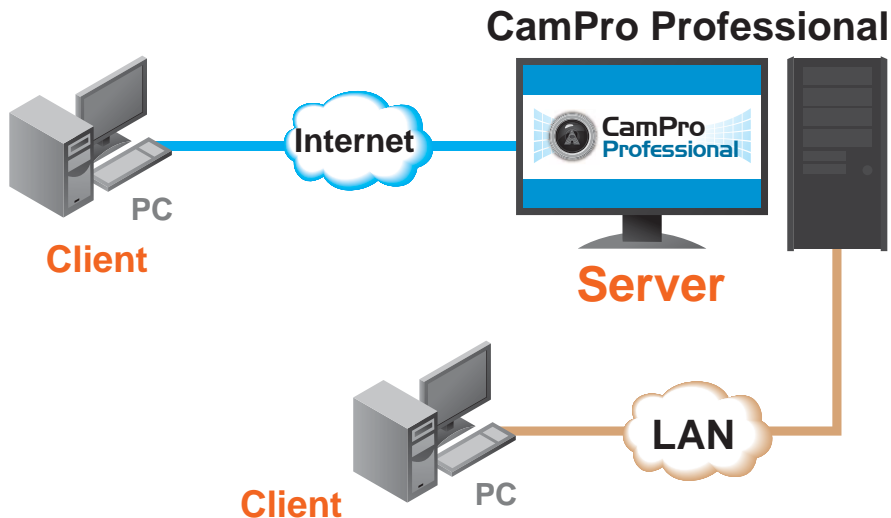
CMS Software

The bundled CMS software can support both CamPro Professional and NVR. It adds scalability to the existing NVR and also provides advance functions such as multi-monitor display, E-Map Monitor and intelligent video analytics. It can support up to 16 NVRs, Including CamPro Profession software NVR, and 256 channels totally. It also supports remote playback function for accessing the video file store on the remote NVR. CMS with the CamPro Professional and NVR are the ideal solution for large scale surveillance project.



Client-Server Architecture

The Client-Server Architecture allows you to configure your Campro Professional and view the videos from other computers in your local network or through the Internet. Up to 9 clients can be supported simultaneously.



Large Camera Support List

Other than AirLive's IP Cameras, CamPro Professional also supports more than 25 brands of IP cameras in the main stream market. Even for old CCTV systems, you can just use our VS-100 as the video encoder and integrate those analog cameras to the IP networks.

Campro Professional vs. Campro Express 64		
	Campro Professional	Campro Express 64
Licensing	Purchase by channels, USB Keypro protect	Free
Number of Channels	64	64
Client/Server	Yes	No
Camera Tempering Detection	Yes	Yes
Video Analytic	Smart Motion! Object Loss! Foreign Object! Trip Wire! Object Counting! Face Counting	No
Image Enhancement	Yes	No
E-Map	Unlimited	2-Level
CMS Lite	Yes (256 Channels)	No
Muti-Monitor Support	5 Monitors	2 Monitors
Camera Supports	More than 30 brands	AirLive, AXIS, Sony, Vivotek

Specifications

Camera Support

Support Brand

- AirLive, Axis, Panasonic, Sony, AVTech, Canon, ACTi, D-Link, Vivotek, Toshiba, Abus, Arecont, Etrovision, Mobotix, A-Linking, Brickcom, IQInvision, Hunt, Pixord, HiKVision, Dynacolor, Sanyo, FlexWatch, Compro, CNB

Max Channel

- 64

Multi-Language

Support Language

- Czech, English, German, Italian, Japanese, Korean, Polish, Portugese, Simplified Chinese, Slovak, Slovenian, Traditonal Chinese, Turkish

Video

Compression

- MJPEG/MPEG4/H.264

Support Resolution

- Up to 5 MegaPixel Resolution

Support FPS

- Up to 30

Audio

Two-Way Audio

- Yes

Compression

- G.726, G..711

Live View

Multi-Monitor Live View

- Up to 5 Monitor can be used as live view monitor.

Display Mode

- Live View, E-Map View, Event Monitor, Playback, Full Screen

Split Screen

- 1/4/6/9/13/16/25/36/64

Full Screen

- 64 Channel

PTZ

- Pan/Tilt/Zoom/IRIS/Focus/Speed Control
- Virtual PTZ Panel
- Mouse-over-video PTZ
- Auto Pan
- Preset Point
- Digital PTZ

Sequence Mode

- Sequence All
- Group by 1/4/6/9/13/16 split
- Self-define patterns

Snapshot

- Single

Image Enhancement

- Low Light Compensation/Blur Compensation/Image Quality Improvement

E-Map

E-Map Layer

- Unlimited

E-Map Monitor

- Pop-Up Event Video on E-Map

Storage

Multiple Directory

- Yes

Backup

- Video Database Backup/Export to AVI

Playback

Export to AVI

- Yes

Split Screen

- 1/4/9

Search Methods

- By Date or Event

Event Search

- All/Time/Channel/Event Type/Event ID

Playback Controls

- Play/Pause/Stop/Forward/Reverse/Step/Event By Event

Remote Playback

- Playback videos from remote client

Triggers & Events

Motion Detection

- Smart Motion Detection

Digital Input

- Triggered by camera's input

Motion Display

- ROI (Region of Interest)

Event Detection

- Motion/Digital Input/Camera Tempering/Object Loss/Tripwire/Object Counting/Foreign Object/Face Counting

Event Notifications

- On-Screen Alert/On-screen Motion Display/Mail/FTP/Configurable Alert Sound/Record

Camera Status

Camera Status

- Disconnected/Connected/Recording/Event (Motion or sensor)

System Info

- System Time/Login Users/System Log-out/Network Bandwidth

Network

Protocols

- TCP/UDP/HTTP/FTP/SMTP/DHCP/DNS/ARP/ICMP/NTP/UPnP/RTP/RTSP/RTCP

Systems

Min. Hardware Requirement

- CPU: Intel Core i5 or above
- RAM: Minimum 2GB or above is recommended
- HDD: 320GB or above
- Graphic Card: Independant graphic card with DirectX9.0c or higher
- Network: 100 Megabit Network Inter-face or above

Min. Software Requirement

- Windows 2000(SP4), Windows XP SP2, Windows Vista, Windows 2003 server, Windows 7

Ordering Information:

AirLive CamPro Professional Professional Intelligent Video Surveillance Software