

# MicroView™ Professional

*Powerful and Intelligent 64CH Video Management Software*



## Introduction

MicroView™ Professional is an excellent network video management software (VMS) for mid-sized installations supporting up to 64 network cameras and 6 monitors, an ideal product for installations with a large number of megapixel and high-definition (HD) cameras. The consolidated management interface and unique video recording, search and play back tools provide an efficient way to record, manage and export video evidence. Particularly, the system disaster recovery feature provides a very smart way to recover the video data when system is crashed.

MicroView™ Professional is an excellent surveillance solution, and comes with each Micronet network camera. For larger scale of installations and more intelligent analysis requirements, there are more



advanced editions available. MicroView™ Advanced, MicroView™ Enterprise and MicroView™ Corporate are available to undertake your surveillance missions.

## Key Features

- Full remote management allows administrators to manage the surveillance system from anywhere and at anytime, via web-based or client program, in a consistent way.
- Smart network camera search lets administrators to find available network cameras immediately for further operations.
- Multiple monitors let operators to monitor up to 150 live video feeds with up to 6 monitors, and allow administrators to operate investigation, system administration and live monitoring at the same time.
- Versatile screen division layouts allow operators to choose appropriate view for multiple live video feeds for the best monitoring purpose.
- Sophisticated recording technology supports truly full HD quality recording of up to 64 channels of cameras, concurrently.
- On-screen PTZ controls allow operators to perform pan, title and zoom operations in an intuitive design.
- Powerful investigation capability assists administrators in investigating for the suspicious and providing non-tampered evidences with 32x fast smart search, 4 channels of synchronized playback, flexible footage export options, digital watermarking, and so on.
- Smart system recovery supports system disaster recovery in an easy and smart way as the system is crashed unexpectedly to protect the critical video data from being lost forever.



Key Features	Professional	Advanced (SP5702)	Enterprise (SP5703)	Corporate (SP5705)
<b>General</b>				
Number of recording channels per server	64	64	64	64
Maximum number of monitors per server	6	6	6	6
Centralized management	-	Yes	Yes	Yes
Multiple-server solution	-	Yes	Yes	Yes
Number of connected channels	64	Unlimited	Unlimited	Unlimited
Maximum number of concurrent users	3	Unlimited	Unlimited	Unlimited
Flexible scheduled recording and weekly graphical interface	Yes	Yes	Yes	Yes
Event recording (configurable pre-record and post-record periods)	Yes	Yes	Yes	Yes
Alarm management	Alarm Input	Complete	Complete	Complete
<b>Live View</b>				
Multi-page channel viewing layout	Yes	Yes	Yes	Yes
eMap (viewing/editing in remote site transparently, JPEG and BMP supported)	Yes	Yes	Yes	Yes
On-screen Pan-Tilt-Zoom (preset and preset go-to)	Yes	Yes	Yes	Yes
Graphically time-bar display (storage space, activity amount, and events)	Yes	Yes	Yes	Yes
<b>Playback</b>				
Fast playback speed	32x	512x	512x	512x
Digital PTZ on both live and playback mode	Yes	Yes	Yes	Yes
Multi-channel synchronized playback	-	25	25	25
MPEG-4/H.264 frame-by-frame backward playback	-	Yes	Yes	Yes
Export footage (single file can contain video of multiple channels)	AVI, Proprietary	AVI, Proprietary	AVI, Proprietary	AVI, Proprietary
<b>Intelligent Video Analytics</b>				
Software based Motion detection (multiple polygon detection regions)	Yes	Yes	Yes	Yes
Tamper detection	-	Yes	Yes	Yes
Missing object alarm/detection	-	-	Yes	Yes
Foreign object alarm/detection	-	-	Yes	Yes
Double-Tripwire directional object counting	-	-	Yes	Yes
Double-Tripwire alarm	-	-	Yes	Yes
Intelligent video statistics report. (display counting per minute/hour/day)	-	-	Yes	Yes
<b>Advanced</b>				
Full remote management control (identical user-interface with local interface, via Internet Explorer or client software)	Yes	Yes	Yes	Yes
Software watchdog (automatically restart service upon unknown failure)	Yes	Yes	Yes	Yes
Embedded web server (don't need to install additional web server)	Yes	Yes	Yes	Yes
Optimized disk I/O access (reduce read/write time to handle huge multi-megapixel streams and concurrent playback clients)	Yes	Yes	Yes	Yes
Multi-CPU support	Yes	Yes	Yes	Yes
Mobile device support (video streaming via 3GPP)	Yes	Yes	Yes	Yes
Calculator tool (storage/field of view)	Yes	Yes	Yes	Yes
External-map integration (Google map supported)	-	Yes	Yes	Yes
360° panorama view for fisheye camera (full PTZ control in live and playback)	-	-	-	Yes
System customization & integration (support project requirements)	-	-	-	Yes