

# Streaming Activator



- Manages up to 16 cameras
- Supports 1, 4, 6, 8, 9, 10, 16 preview window layout
- Customizable logo and user interface
- Preview / Record / Playback functions
- ISO-14496-2 MPEG-4 Video+Audio Format
- Create snapshot images and export video clips
- Continuous, Schedule, Motion, Alarm Recording
- Hardware motion detection
- Digital I/O event handling
- Maximum 30 seconds pre-event recording
- Expandible PTZ commands
- Search video clips by date, time and event

## ▶ Digital video surveillance functions

ACTi Streaming Activator manages 16 cameras at the same time and supports various type of preview window layout with patrol operation. Each camera may record video + audio MPEG-4 format at Full D1 with 30 FPS (NTSC) or 25 FPS (PAL) simultaneously.

User may use background recording, schedule recording, motion recording, alarm recording or manual recording according to their deployment plan. Recycle recording cleans older files when a hard disk capacity threshold reached.

Video clips can be searched with date, time and event index; users may operate these video clips with play, pause, stop, reverse play, fast forward, fast rewind and frame-by-frame functions with an user-friendly interface.

## ▶ Expandible PTZ commands

ACTi Streaming Activator supports various PTZ protocols, including Pelco-P, Pelco-D, Lilin, Dynacolor, TOA, Kampro, EyeView, VideoTrec, etc.

User may add new PTZ protocols by themselves or download the PTZ protocols from ACTi web site.

## ▶ Hardware motion detection and digital I/O control

Hardware motion detection is supported and can be set for individual cameras with 3 individual regions of interest and sensitivity. An event will be triggered when a motion detection event occurs. Digital input event can also be set, and an event will be triggered when an alarm occurs. Maximum 30 seconds pre-event recording time can be set prior to a motion detection or digital input event occurs.

Event handling including triggers digital output, play audio file, beep on the PC, send snapshot via E-Mail and send snapshot to FTP site.

## ▶ Customizable user interface – create your own Streaming Activator

ACTi Streaming Activator provides several ways for users to customize and create their own application.

User may change logo, title bar, about us dialog box and icon; furthermore, the color scheme, look and feel, layout can be customized.



# Streaming Activator

## PRODUCT SPECIFICATION

### Bundled Application Environment

PC Spec	Pentium 4 2.8GHz, 915 Chipset, 800 FSB, 1GB Memory, 80GB HDD
Operating System	Win 2000, Win XP, Win 2003
Prerequisite	Microsoft DirectX v9.0c
Browser	Microsoft Internet Explorer v6.0+

### Preview

Maximum Number of Camera	64 (at v1.40)
Preview Window	1, 4, 6, 8, 9, 10, 16
Web Client	Microsoft Internet Explorer v6.0 remote video preview
Patrol Mode	Switches and rotates each preview window accordingly
Create Snapshots	Create snapshot images on-the-fly and as an event index for search later on
Advanced Preview Mode	16-channel preview at the same time with different frame rate adjusted automatically

### Recording

Format	Standard ISO-14496-2 MPEG-4 Video+Audio format. Compatible with FFMPEG, Xvid, Divx
Manual Recording	Start and stop manually
Repeat Recording	Record video repeatedly and erase aged video files with user-defined maximum video file size.
Schedule Recording	Record video with user-defined schedule and time period
Alarm Recording	Record video when a digital input event is triggered
Motion Recording	Record video when motion detected
Pre-event Recording	User-defined time period to record before a certain event occurs. Maximum 30 seconds.
Post-event Recording	User-defined time period to record after a certain event occurs.
Watermark *	Digital time code embedded from hardware

### Playback

Mode	Play, Pause, Stop, Fast Forward, Fast Rewind
Advanced Mode	Play backward, frame-by-frame display
Multiple-window Playback	Multiple channel playback at the same time
Play Multiple Files *	Play multiple files in sequence for a period of time
Create Snapshots	Create snapshot images on-the-fly and can be searched as an event
Export Video *	Export multiple video files in one AVI file.
Synchronous Playback *	4-channel synchronous playback at the same time

### Search

Time Sequence Search	Search video clips with date, time
Digital I/O Event Search	Search video clips with digital I/O events
Motion Detection Event Search	Search video clips with motion detection events
Thumbnail Image Search	Search video clips with thumbnail image previews
Video Loss Event Search	Search video clips with video lost events

### Digital I/O Control

Digital I/O Control	Callback functions to handle digital input and digital output
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### PTZ Control

PTZ Management	Manages pan, tilt, zoom operation with speed control
Protocol Supported	Pelco-P, Pelco-D, Lilin, Dynacolor, Samsung, Kampro protocol supported
Preset Position	Goto, set, clear preset positions and patrol on preset positions
Maximum Preset Position Number	8
Expandable PTZ Command	User-defined PTZ command to support additional PTZ protocols
Control Panel on PC	Connects speed dome's control panel on the PC, and operate control panel to control speed dome directly

### Event Handling

Trigger Digital Output	Triggers digital output when a certain event (digital I/O or motion detection) occurs
Activate and Enlarge Preview Window	Activate and enlarge preview window with the event triggered.
Event Log *	Triggered event will be recorded into a event log
Regional Motion Detection Event	Advanced motion detection with 3 user-defined region for monitoring
E-Mail Notification	E-Mail notification with captured snapshot
FTP Notification	FTP captured snapshot to the FTP server when an event occurs
Video Lost Event	Video lost event handling

### eMap \*

eMap Manager *	eMap configuration and management
eMap Monitor *	Creates alarm when an event occurs on a certain camera in eMap

### Permission Control

3-level Permission	Administrator, Standard User, Guest levels
Security	Account/password defined with associated permission control

\* The features will be implemented in later released bundled application

\* All specifications are subject to change without notice.

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