

# Intellex Management Suite

## Discover The Power

### Features That Make a Difference:

- View live and recorded video from any Intellex unit on your network
- Provide increased levels of security via the password authentication feature between Intellex and Network Client
- Remotely configure Intellex units
- Define search criteria using video analysis tools
- Remotely restore your Intellex configuration via Network Client
- Archive video to off-site locations and network-attached storage
- Assign detailed privileges to users for local and remote access with Policy Manager
- Integration with Software House C•CURE 9000 and Kantech EntraPass
- View Intellex video through a web browser with Browser Client
- Validated with Windows XP, Windows Vista, and Windows 7 Operating Systems

The Intellex Management Suite takes video security to the next level by expanding your ability to centrally manage multiple Intellex systems over a computer network. These Windows®-based products make it easy to remotely manage, access, store, and secure your surveillance video. With our remote software, you can manage thousands of cameras either through American Dynamics matrix switchers or via its virtual matrix capabilities.

### Network Client

Intellex is the only digital video management system on the market today with a single remote management software program, Network Client, that works with every Intellex platform (DVMS, LT, Ultra, and IP). Install Network Client on any PC with a network connection and you'll have control of every Intellex on your system, no matter how far-flung or decentralized the operation. Simply log in and access a menu just as if you were sitting in front of an Intellex. Network Client integrates seamlessly with cameras linked to MegaPower matrix switchers or lets you view up to 64 cameras from multiple Intellex systems simultaneously with the single click of an American Dynamics CCTV keyboard<sup>(1)</sup>. With the new password protection feature implemented between Intellex and Network Client, an additional level of security has been provided in the IP infrastructure.

(1) Feature licensed and sold separately. CCTV keyboard sold separately.



### Browser Client

Browser Client lets you view live Intellex video through a web browser. This free software package makes it easy for IT administrators to set up a dedicated website to view Intellex video, define which Intellex units to make available for viewing, and set up and administer a group of authorized users.

### Intellex Policy Manager

Intellex Policy Manager provides additional security for a collective network of Intellex units and remote workstations running either Network Client or third party software applications that use the Intellex Application Programming Interface (API). Intellex Policy Manager enables administrators to assign detailed privileges to user and user group accounts for local and remote access to Intellex and Intellex functions.



### Intellex Archive Manager

Intellex Archive Manager works seamlessly with Intellex to manage and organize stored video, audio, and text data on network-attached storage (NAS) devices. Easily access and manage network-stored data through Network Client and integrate with Intellex Policy Manager to extend advanced security settings from each camera to the archived video that it has recorded.

# Features

## Network Client

### Key to your Enterprise Surveillance Solution

Network Client's virtual matrix functionality allows you to manage 64 live views from multiple Intellex platforms from a single Network Client station. It also lets you implement traditional matrix switcher functionality such as pseudo numbering of cameras, tours and salvos, and monitor call-up — all from your American Dynamics CCTV keyboard.

For installations with thousands of cameras where network latency/bandwidth is a concern, Network Client seamlessly integrates with American Dynamics MegaPower matrix switchers<sup>2</sup> to:

- View live and recorded video on the same analog monitor
- Control PTZ cameras connected to the matrix switcher  
.....all via the same CCTV keyboard

Combining the virtual matrix functionality and matrix switcher integration provides a single powerful solution to manage and control your cameras linked either from your matrix switcher or Intellex units from a single PC and CCTV keyboard.

### Remote Setup and Management

Connect and manage an unlimited number of Intellex units via the Internet, WAN, LAN, or direct dial-up with a modem. Password authorization to access and Intellex unit is now an option. Network Client lets you set up alarm conditions and clear alarms, providing flexibility for remote operation of Intellex systems. You can view recorded video in streaming playback mode, making Network Client even easier to use. You can also use video analysis tools, manage camera selectable frame rates, and view activity logging.

### Organize Cameras, Choose Views

Organize the cameras and domes on your system just as easily as you organize files and folders on a PC. You can group them by location or room type, such as “lobbies” and “front doors.” You can also create configurations that combine views and cameras to monitor live scenes that require routine observation, bookmarking these as your “favorites” for quick recall.

### Enhanced Remote Search Functions

Define your search criteria using video analysis tools such as motion exception or advanced text for data mining. Everything you can perform with Smart Search on an Intellex you can perform remotely with Network Client.

## Remote Alarm Notifications

Know the instant an alarm is triggered or generate your own, wherever you are. Network Client can sound the alert with both audio and a flashing icon for every Intellex on your LAN/WAN. Retrieve and review video of the event from any Intellex or Network Client workstation connected to the system.

## Monitor and Manage Alarms and Events

Network Client's powerful event service server provides a centralized solution for remote alarm and event monitoring and management. The event service server's filter capability allows you to sift out alarms, monitoring only the alarms that are important to you. Any authorized security operator can take action on those alarms or events and record those actions on the server.

## Bandwidth Management: An IT Favorite

Easily adjust the network bandwidth for video transmission from 10 KB/sec to 10 MB/sec depending on your specific IT requirements. Schedule automatic downloads during off-hours when few people are using the system.

## Create Video Incident Storyboards

The incident clip builder feature allows you to concatenate video incidents in the Network Client database into a single video stream (incident storyboard) for video evidence or auditing.

## Video Surveillance via the Web

Self-installing plug-in software lets you host live video from one or more Intellex units on a dedicated Microsoft® IIS web server. Browser Client is a free web administration package that works with a standard browser interface to allow users to view video footage and control domes from any PC with Internet Explorer. Use password protection to restrict access to authorized personnel only. Your network administrator can restrict bandwidth consumption by limiting the total number of people able to log onto the website.

## Intellex Policy Manager

### Bringing Video and IT Security Together

Intellex Policy Manager integrates video security with IT security. This security management software extends your existing network infrastructure to include digital video without adding new schemes or protocols. Manage and deploy additional security for every Intellex on the network from one central location, restricting local access to certain Intellex units and remote access from workstations that run Network Client or the Intellex API in conjunction with third party software. Every Intellex feature is individually securable by user ID and password. You can vary viewing rights for every camera and even restrict access to live or recorded video. Intellex Policy Manager is sold separately.

(2) MegaPower 3200 and 1024.

# Take a closer look

## Intellex Archive Manager

### Making Video Storage Easy

Intellex Archive Manager enables you to manage and organize video in remote storage devices. You can send duplicated video off-site to a separate unit while retaining the ability to view it later from multiple locations via Network Client. Intellex Archive Manager is sold separately.

## Paving the Road to Integration with the Intellex API

The Intellex API offers a robust set of instructions that third party programmers can use to seamlessly integrate Intellex with other applications. Currently, more than 75 partners use the Intellex API for developing sophisticated and integrated applications. These applications include integration with access control systems such as C•CURE 9000 and C•CURE 800/8000 from Software House and EntraPass from Kantech, video forensics, virtual matrix functionality, video analytics, transaction monitoring, remote monitoring, and more. A powerful snap-in utility allows users to monitor and control their systems from one interface instead of toggling between screens for more seamless integration.

## Basic System Diagram

Use Network Client on a PC wherever there's a network connection to view video from Intellex or external storage devices. Call up every camera and dome with the click of a mouse or add a matrix keyboard to use your system like a virtual matrix. Install Intellex Policy Manager and Intellex Archive Manager on your computer network and expand this functionality to increase security and storage options for your surveillance video. Use Browser Client for impromptu video surveillance over the Internet.



## Model Numbers

### Network Client Remote Management Software and Keyboard Accessories

ADDSNC50	Network Client v5.0, management/config/viewing SW, single license
ADDSNC50UL	Network Client v5.0, management/config/viewing SW, corporate license
ADDSNCVMK	Network Client Virtual Matrix/Keyboard and MegaPower matrix switcher integration, single license
ADDSNCVMKUL	Network Client Virtual Matrix/Keyboard and MegaPower matrix switcher integration, corporate license
ADDSNCICB	Network Client, Incident Clip Builder feature, single license
ADDSNCICBUL	Network Client, Incident Clip Builder feature, corporate license
ADDSNCSI	Network Client Snap-In Manager single license
ADDSNCSIUL	Network Client Snap-In Manager, corporate license
ADDSNCSIVMK	Network Client Snap-In Manager with Virtual Matrix/Keyboard and MegaPower matrix switcher integration, single license
ADDSNCSIVMKUL	Network Client Snap-In Manager with Virtual Matrix/Keyboard and MegaPower matrix switcher integration, corporate license
ADACKBPC2000	Keyboard accessory, keyboard to PC connection kit, for AD2000 series keyboards
ADACKBPCMPCC	Keyboard accessory, keyboard to PC connection kit, for MegaPower ControlCenter keyboards

### Browser Client-Remote Viewing Software

RDVBC50	50 Browser Client, remote viewing of live video via web browser
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### Intellex Policy Manager

ADDSPM50U10	Intellex Policy Manager, valid for up to 10 Intellex units, USB port hardware key
ADDSPM50U25	Intellex Policy Manager, valid for up to 25 Intellex units, USB port hardware key
ADDSPM50UUL	Intellex Policy Manager, valid for unlimited Intellex units, USB port hardware key
ADDSPMLU1025	Intellex Policy Manager, upgrade from 10 to 25 licenses, requires valid PID for 10 licenses
ADDSPMLU10UL	Intellex Policy Manager, upgrade from 10 to unlimited licenses, requires valid PID for 10 licenses
ADDSPMLU25UL	Intellex Policy Manager, upgrade from 25 to unlimited licenses, requires valid PID for 25 licenses
ADSWTCPM	Intellex Policy Manager, one day training per person

### Intellex Archive Manager

ADDSAM50U10	Intellex Archive Manager, valid for up to 10 Intellex units, USB port hardware key
ADDSAM50U25	Intellex Archive Manager, valid for up to 25 Intellex units, USB port hardware key
ADDSAM50UUL	Intellex Archive Manager, valid for unlimited Intellex units, USB port hardware key
ADDSAMLU1025	Intellex Archive Manager, upgrade from 10 to 25 licenses, requires valid PID for 10 licenses
ADDSAMLU10UL	Intellex Archive Manager, upgrade from 10 to unlimited licenses, requires valid PID for 10 licenses
ADDSAMLU25UL	Intellex Archive Manager, upgrade from 25 to unlimited licenses, requires valid PID for 25 licenses

## Minimum System Requirements

### Network Client (Running on Windows XP/Vista)

- Minimum Intellex software requirements: v3.1/2.6 or higher<sup>(3)</sup>
- 2 GHz Intel Pentium 4 or Celeron processor, or equivalent processor that supports streaming SIMD extensions (SSE)
- 150 MB hard drive space for installing the software, 10 GB hard drive (local or network) space for video storage
- 1 GB RAM XP, 2GB RAM Vista
- Ethernet 10/100/1000 NIC
- AGP or PCI Express X8 graphics card with 64 MB memory and DirectX 9.0 support
- 1024 x 768 or higher resolution monitor with 32-bit color
- DVD drive for software installation or DVD if export to CD is required
- Windows Vista (Business, Ultimate, Enterprise), Windows XP Professional

#### Minimum Requirements for Virtual Matrix:

- 3.2 GHz Dual-Core Intel Pentium 4 processor
- 150 MB hard drive space for installing the software, 10 GB hard drive (local or network) space for video storage
- 1 GB DDR2 533 MHz memory for XP; 2GB RAM for Vista
- Ethernet 10/100/1000 NIC
- PCI express x16 graphics card supporting DirectX 11 and dual independent monitors
  - At least 512 MB of high-speed graphics memory, Pixel Shaders 2.0
  - Four live windows require two graphics cards and two PCI Express X16 slots
- 1024 x 768 or higher resolution monitor with 32-bit color
- DVD drive for software installation or DVD if export to CD is required
- Windows Vista (Business, Ultimate, Enterprise), Windows XP Professional

#### Windows 7 Recommended Requirements:

- 2.66 GHz Intel Core i5 750
- Windows 7 Professional (32 or 64 bit)
- 4 GB RAM
- 150 MB for software installation; minimum 10 GB (local or network) for video storage
- DVD drive for installation; DVD-RW if export to DVD is required
- 1024 x 768 resolution and capable of displaying 32-bit color; Maximum 2 monitors
- 512MB Direct X11 graphics card, Pixel Shaders 2.0
- Ethernet 10/100/1000 NIC

#### Virtual Matrix Recommended Requirements for Windows 7:

- Intel Xenon @3520/Core i7 860
- Windows 7 Professional (64 bit)
- 4 GB
- 150 MB for software installation; minimum 10 GB (local or network) for video storage
- DVD drive for installation; DVD-RW if export to DVD is required
- 1024 x 768 resolution monitor and capable of displaying 32-bit color; Maximum 4 monitors
- 512MB Direct X11 graphics card, Pixel Shaders 2.0 (2 cards required)
- Ethernet 10/100/1000 NIC

### Browser Client

- Minimum Intellex software requirements: v3.1/2.6 or higher<sup>(4)</sup>
- NET Runtime v1.1
- Network card, 10Base-T or 100Base-T

#### Requirements for PC running Browser Client:

- 450 MHz or greater processor that supports Streaming SIMD Extensions (SSE)
- 128 MB RAM
- Windows 7, Windows Vista (Business, Ultimate, Enterprise), Windows XP
- Microsoft Internet Explorer v6.0 or higher

#### Requirements for a server hosting video for Browser Client:

- 450 MHz or greater processor
- 128 MB RAM
- Windows 7, Windows Vista (Business, Ultimate, Enterprise), Windows XP Professional, Windows Server 2003, Windows Server 2008
- Internet Information Server (IIS) v5.1 or v6.0

#### Minimum Network Requirements:

- TCP/IP network for server that hosts video
- TCP/IP or dial-up capability for connectivity to the Browser Client website
- An IP address for each Intellex unit to be made available via the website

### Intellex Policy Manager

- Minimum Intellex software requirements: v3.2/2.6 or higher
- Network using Windows Active Directory<sup>®</sup>
- 800 MHz processor or greater
- 256 MB RAM
- Ethernet 10/100 NIC
- Windows 7, Windows Vista (Business, Ultimate, Enterprise), Windows XP Professional, Windows Server 2003, Windows Server 2008
- All Intellex units being integrated into Intellex Policy Manager must run Intellex v3.2/2.6 or higher

### Intellex Archive Manager

- Minimum Intellex software requirements: v3.2/2.6 or higher
- Network using Windows Active Directory
- 800 MHz or greater processor
- 256 MB RAM plus 35 MB per terabyte of NAS storage used
- Ethernet 10/100 NIC (1000 NIC recommended for NAS)
- Windows 7, Windows Vista (Business, Ultimate, Enterprise), Windows XP Professional, Windows Server 2003, Windows Server 2008
- All Intellex units being integrated into Intellex Archive Manager must run version v3.2/2.6 or higher
- All remote workstations accessing Intellex must run Network Client v3.2 or higher; remote applications must use Intellex API v3.2 or higher

(3) To take advantage of the new features of Network Client v4.0 and higher requires Intellex version 4.0 or higher.  
(4) An IP address must be available for each Intellex unit.

## Related Products



Discover Analog  
Cameras



2089 Matrix  
Keyboards



Matrix  
Switchers

## Approvals



Project Part-Financed by the European Union

[www.americandynamics.net](http://www.americandynamics.net)

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