
Release Notes

Intellex / Network Client Version 4.17

Applicable Software	Product Data
<ul style="list-style-type: none">• Network Client 4.17• Intellex Digital Video Management Software 4.17	Visit the Intellex [®] Digital Video Management Systems section of our web site – www.americandynamics.net/intellex – to download data sheets and other documentation in PDF format.

Note:

In case of discrepancy, the information in this document supersedes the information in any document referenced herein.

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What's New in This Release

The 4.17 release has been a designed merge of features into one single release. The following features have been merged into this release:

- Composite Video Output
- Intellex IP 4.12 Update
- Czech and Hungarian Localization
- Video Data Culling
- Activity Log Enhancements

4.17 also feature the following feature updates that have not been released before:

- Axis IP Camera Support Update

See *New Feature and Enhancements* for more details on the added features.

New Features and Enhancements

Composite Video Output

The Composite Video Output Feature enables the BNC video output on an Intellex Ultra to drive a composite monitor with either live video from the active cameras or with playback video, depending on how the Intellex display is configured. The video standard of the output is either PAL or NTSC depending on the video standard selected on Intellex.

The composite output of the VACD3 would operate in one of three modes:

- Mode 0 The VACD3 composite output is always disabled.
- Mode 1 The VACD3 composite output would only display live video when the Main (VGA) monitor is also displaying live video.
- Mode 2 The VACD3 composite output would display live or playback.

This Mode will have significant and serious impact on the performance of the Intellex.

The Graphics Overlay would operate in one of two modes:

- Graphics Overlay Disabled
- Graphics Overlay Enabled

A setup dialog will be available via a shortcut on the Windows desktop to allow the user to select both the composite output mode and the graphic overlay mode. The user shall be able to select the mode of operation via combo boxes. *See Figure 1 below for new setup dialog.*

The shortcut to the setup dialog will be named **Composite Video Output Configuration**.

The Mode Selection will be:

Mode 0: **Off**
Mode 1: **Live/Live**
Mode 2: **Full Operation**

The default will be Mode 0.

The Graphics Overlay Selection will be: **Off**

On

The default will be Off.

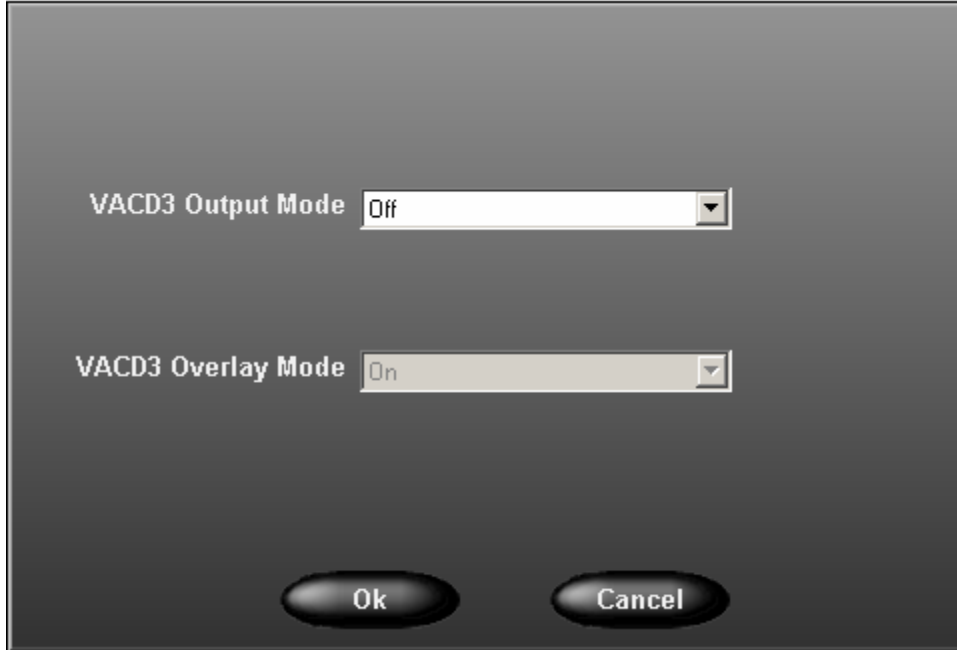


Figure 1: Composite Video Output Configuration Setup Dialog

Intellex IP 4.12 Update

VideoEdge 4 Channel IP Encoder Support Feature

Intellex IP V4.12 is an enhancement of the Intellex IP systems that accept video information from IP devices rather than from conventional video cameras.

Intellex IP systems allow users to record video, monitor alarms, and control cameras that are attached to the Internet. Intellex IP V4.12 adds support for the AD Video Encoder.

Increased Support for Sony IP Camera

Intellex IP V4.12 has increased the supported CIF size for the Sony IP Camera range. It now supports true 4CIF at 736x480 for NTSC cameras and 736x544 for PAL cameras

Increased Maximum IPS for Intellex IP

The maximum Image per Second (IPS) for the Intellex IP platform has been increased to 240 IPS from 120 IPS.

Czech and Hungarian Localization

The software UI for the Intellex Ultra and Network Client shall be available in the Hungarian and Czech language.

The Installation, Help and User Documentation will only be available in the Czech language

All Czech documentation will be versioned as 4.10.

Video Data Culling

Certain market regulations require the video data must not be stored more than 24 hours. Changes have been made to make sure that the data lifetime process thread can run at an interval that is shorter than a day. That interval is 30 minutes.

In the Data Lifetime tab in the Schedule Setup Screen, when the user specifies the life time in the setup as 1 day, the data lifetime process thread runs at an interval of 30 minutes. When the user specifies the life time in the setup to be greater than 1 day, the data lifetime process thread will run once a day.

The cleaning thread calculates the data deleting time according to the life time in the setup, such that no data in the database will exceeding the life time specified in the schedule setup at any given time

Activity Log Enhancements

Recent changes to Legislation in specific countries require the Intellex to log certain information on video exports. Extra information needed to be added to the Activity Log on the Intellex and the Network Client.

For the current Intellex 4.10 release, the Intellex logs:

- The local user (for exports on the Intellex unit) or the IP address (of the PC running Network Client) that requested the video export
- The date and time the clip was exported.

The following additional information needed to be added and displayed in the activity log:

- The user who exported the clip, and whether it was local or remote
- The start date and time of the exported clip
- The duration of the exported clip
- Which cameras were exported as part of the clip.

As some video export records will have multiple clips associated with them, the information will be displayed in multiple entries in the Activity Log List and will be placed between "Started/Exported X Clip(s)" entries. There will also be an identifier at the start of the export information to associate which entry belongs to which clip, i.e. {1}, {2}, etc.

An audit bar will be added to the Activity Log Screen on the Intellex, to allow the user to view all the relevant video export information. The audit bar will only appear when the user selects an entry in the activity log that relates to a video export. It will remain hidden otherwise.

Please see Figure 1 below:



Figure 1: Multiple Entries for a single Video Export

Axis IP Camera Support Update

The Axis camera handler has been updated to provide support the following cameras:

Camera Model	Description
Axis 209FD	Indoor Network Camera
Axis 216FD	Indoor Network Camera
Axis 221	Day & Night Network Camera
Axis 225FD	Fixed Dome Network Camera
Axis 212 PTZ	PTZ Network Camera
Axis 214 PTZ	Day & Night PTZ Network Camera
Axis 215 PTZ	PTZ Network Camera
Axis 231D+	Network Dome Camera

Axis 232D+	Day & Night Network Dome Camera
Axis 233D	Network Dome Camera

Intellex CD Player

The Intellex Clip Export feature has been modified to include an Intellex Player application that will run directly from the generated CD. If the user wishes to install Intellex Player, this can be downloaded from the American Dynamics website.

Known Limitations and Issues

The table below highlights known new limitations or issues against the 4.17 release only.

Known limitations and issues may exist from other releases, please refer to the specific release for the appropriate information.

Description	Suggested Work-Around
<p>Network Client 4.10 has a forwards compatibility issue when communicating with an Intellex version 4.17</p> <p>When Network Client 4.10 is streaming live video in a 3x3 configuration from a 4.17 Intellex the video will not be visible, it will appear green or scrambled.</p> <p>A 2x2 or 4x4 configuration will display the video correctly.</p>	To avoid the issue Network Client should be upgraded to 4.17 prior to upgrading Intellex.
5002 — Activity Log does not log that a camera control session has been initiated	None Available
5130 – Video Loss Preset for Axis 212 PTZ camera not working	Do not setup the same camera as the response for a Video Loss alarm from the camera
5304 — Activity log does not log the range of activity log retrieval correctly	None Available
5308 – Activity log records that a modification has been made to the Quality Tab changing Record Rate to 60 ips when no change has occurred.	None Available
5322 – Export Clip to CD sometimes does not recognize CD.	Insert a blank CD into the Intellex Drive and then restart the Intellex application. This will correct the issue and recognize CD's during Export.

Closed Limitations & Issues

Limitations	Comments
4553 - Intellex IP: doesn't automatically re-establish text stream from IP Encoder after encoder restart	None
4573 - Video play back jerky when recording at lower frame rates	None