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# **AXIS T8310 SERIES VIDEO SURVEILLANCE CONTROL BOARD INTEGRATION**

COMPLETEVIEW VERSION 4.7.3

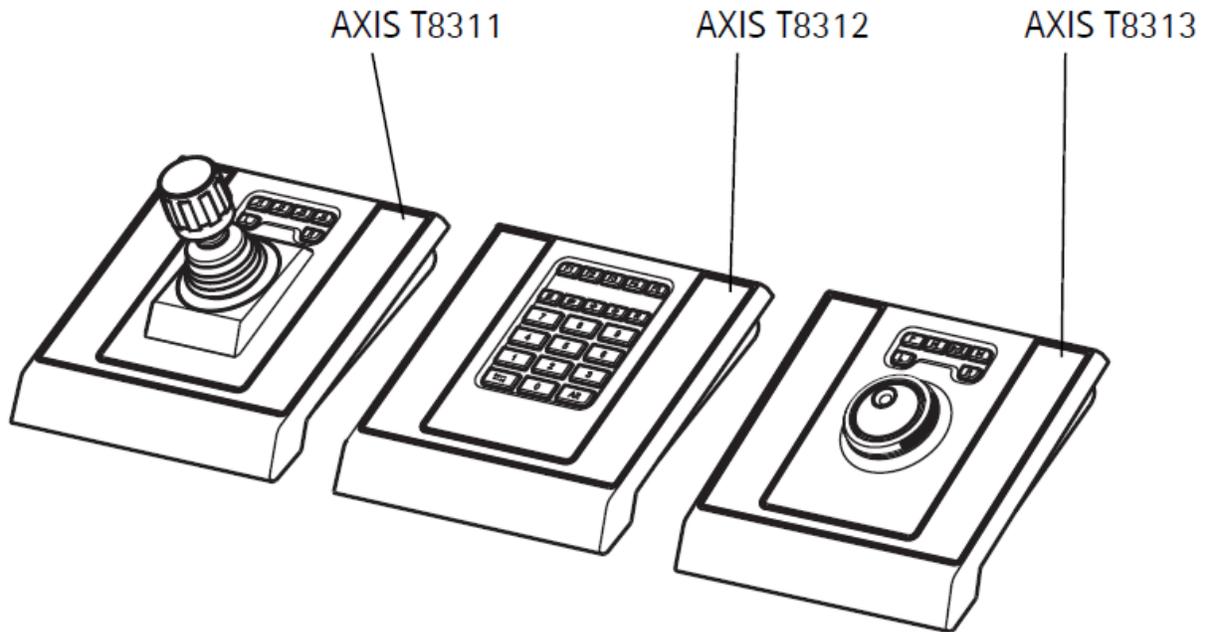
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## INTRODUCTION

The AXIS T8310 Video Surveillance Control Board consists of three units that can be installed separately or together as one unit. The AXIS T8311 gives responsive and accurate control of the pan, tilt, and zoom functionality of the camera(s) on the network, while the AXIS T8312 is used to navigate quickly between cameras, views, and PTZ presets. Finally, the AXIS T8313 is used to jog and shuttle through recorded video. All the units are powered through a standard USB connection.



As of CompleteView version 4.7.3, Salient features full integration with the AXIS T8310 Video Surveillance Control Board. Upon successful installation of the AXIS T8310 Video Surveillance Control Board, all buttons, controls, and presets on the control board will be configured automatically for optimal use with CompleteView.

This manual covers five main topics:

- AXIS T8310 Video Surveillance Control Board Installation
- AXIS T8311 controls and functionality
- AXIS T8312 controls and functionality
- AXIS T8313 controls and functionality
- Troubleshooting the AXIS T8310 Video Surveillance Control Board

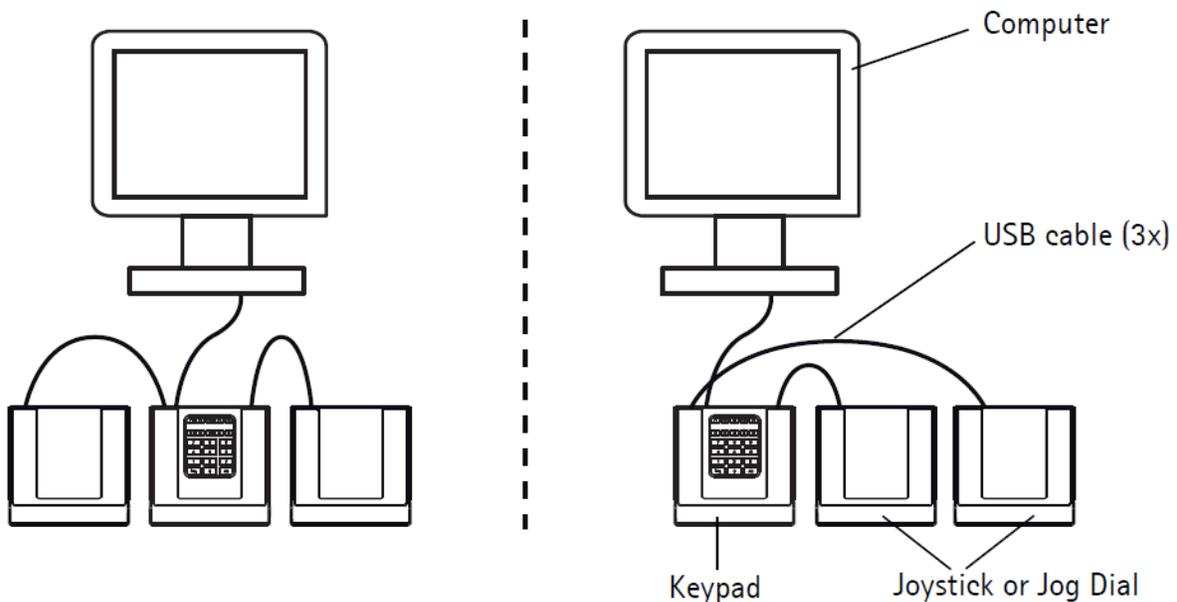
## INSTALLATION

The AXIS T8310 Video Surveillance Control Board adheres to traditional Windows hardware installation paradigms.

### Plug and Play

Installation of the AXIS T8310 Video Surveillance Control Board driver is Plug and Play. The AXIS T8311 Video Surveillance Joystick, AXIS T8312 Video Surveillance Keypad, and AXIS T8313 Video Surveillance Jog Dial can be connected separately or together as one unit using the AXIS T8312 Video Surveillance Keypad as a USB hub. The units can be placed interchangeably to meet the requirements and needs of the workstation and the users.

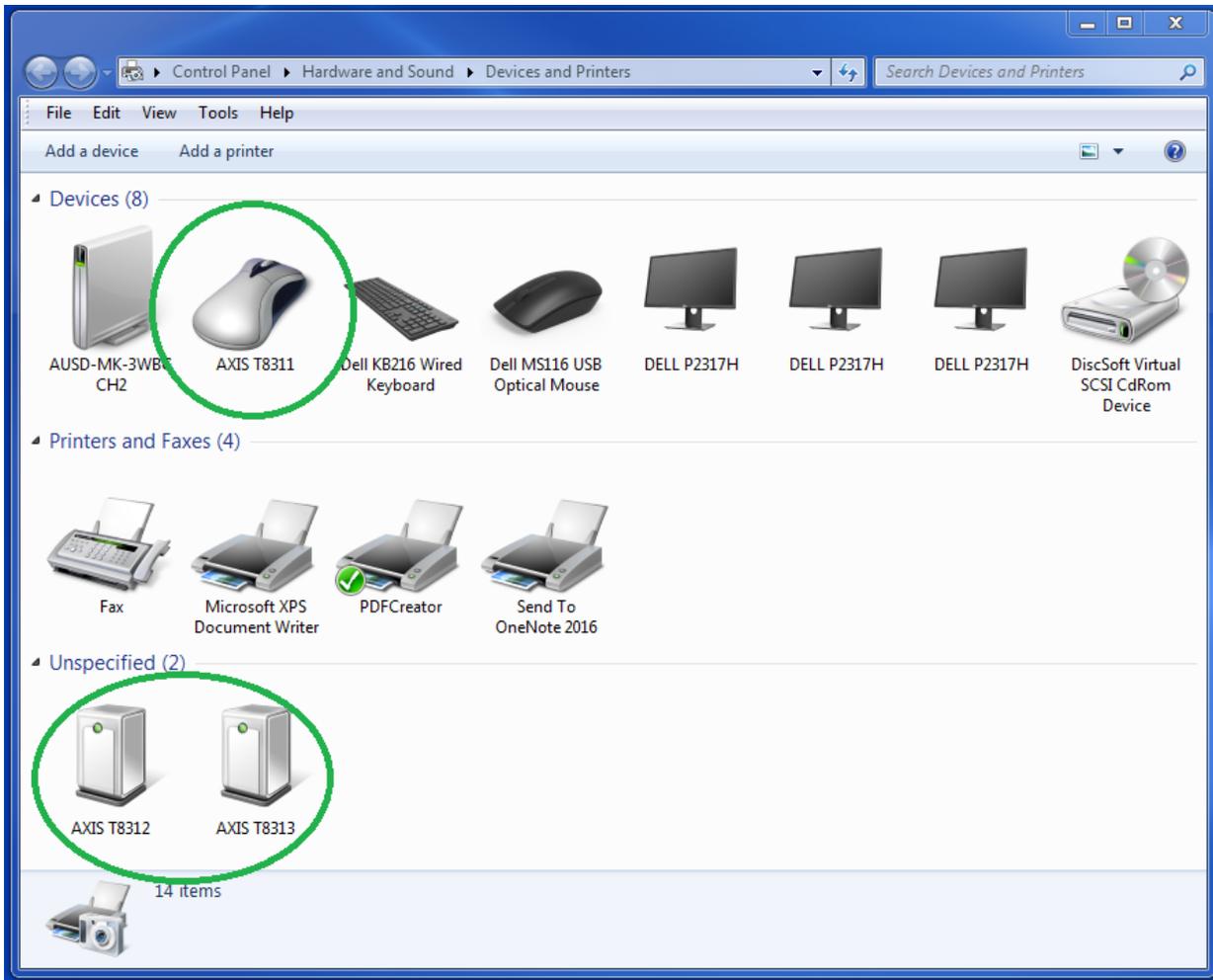
The illustration below gives examples of how to connect the units.



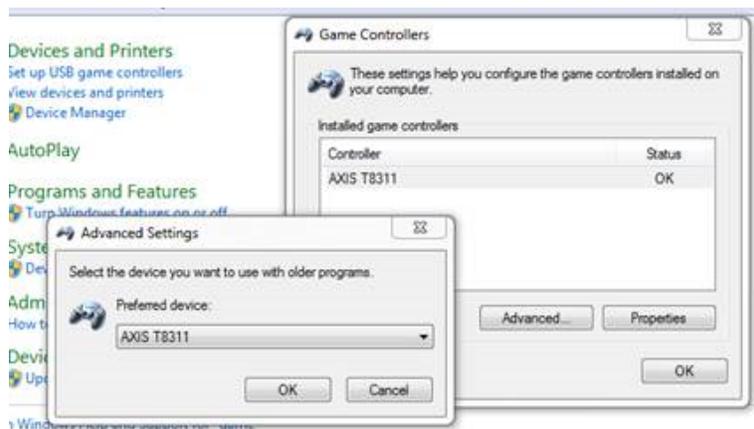
1. Connect the USB plug to a USB port on your computer.
2. Follow the on-screen instructions (if applicable) to install the necessary drivers.
3. Start the CompleteView Video Client. The joystick/keypad/jog dial are automatically detected.

### Device Management

Once successfully installed, the joystick, keypad, and jog dial will appear in the PC's Devices and Printers window. To view the devices, open Start > Control Panel > Devices and Printers.



In addition, the joystick will also appear as a game controller. Select Start > Control Panel > Game Controllers to view it.



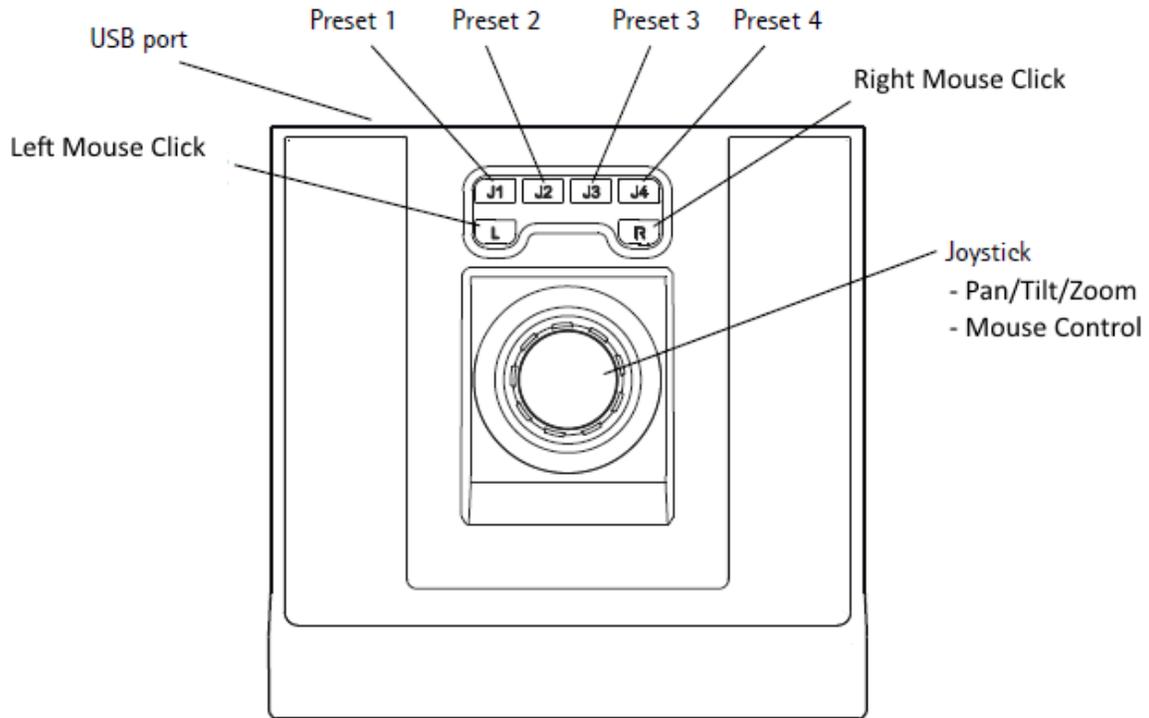
## AXIS T8311 JOYSTICK

The AXIS T8311 joystick is a USB device that can be used to pan, tilt, and zoom in the camera view. It can also be used as a mouse.

### AXIS T8311 Joystick Functions

The diagram below provides an overview of the functions of the joystick specific to CompleteView. Consult the table below for more detail.

#### AXIS T8311



Control	Description
J1	Preset 1 from Selected Camera
J2	Preset 2 from Selected Camera
J3	Preset 3 from Selected Camera
J4	Preset 4 from Selected Camera
L 	Left Mouse Button
R 	Right Mouse Button

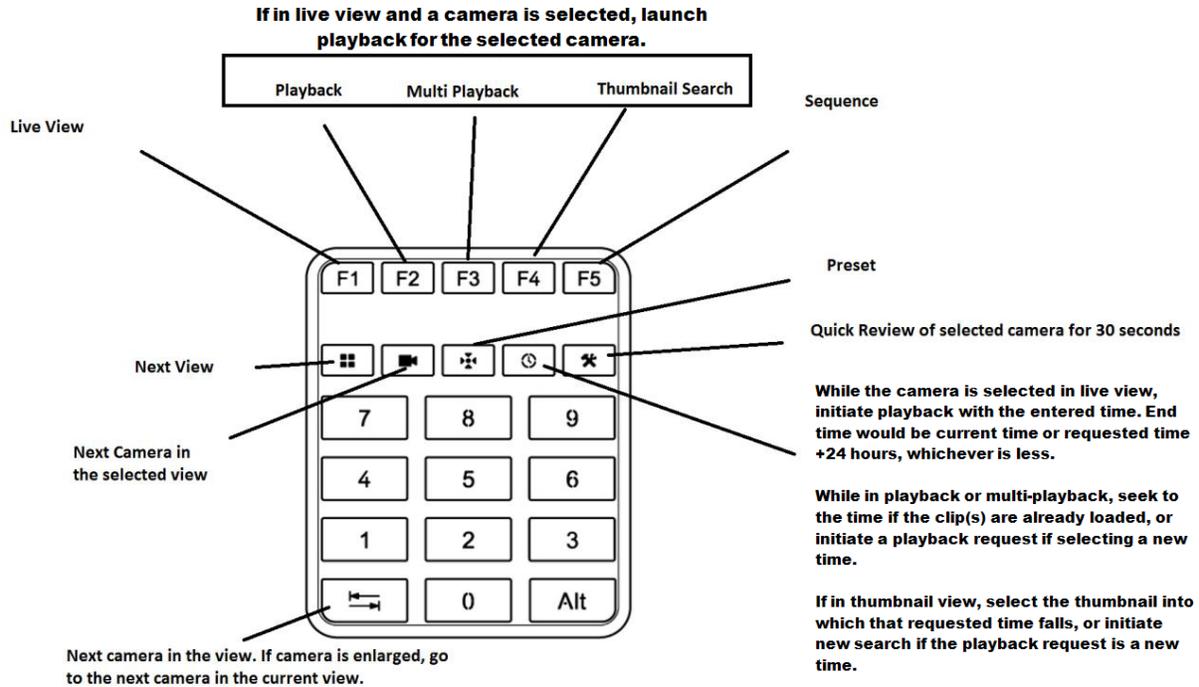
<b>Control</b>	<b>Description</b>
Joystick X-Axis	Pan Right/Pan Left and Mouse Control
Joystick Y-Axis	Pan Up/Pan Down and Mouse Control
Joystick Z-Axis	Zoom In/Out

# AXIS T8312 KEYPAD

The AXIS T8312 Video Surveillance Keypad is a USB device used to quickly navigate between workspaces, cameras, views, and PTZ presets.

## AXIS T8312 Keypad Functions

Detailed in the diagram below are the preset functions specific to CompleteView. See the table for more detail.



Control	Description
F1	Selection of Live View (F1) navigates the UI to the Live View window.
F2	Selection of Playback (F2) opens the Playback window and automatically fills in the time for the 24-hour scale.
F3	Selection of Multi Playback (F3) opens the Multi Playback window and automatically fills in the preview tiles. The search is based on the current Live View window on 24-hour scale.
F4	Selection of the Thumbnail Search (F4) opens the Thumbnail Search, and automatically fills in the time for the 24-hour scale.
F5	Navigate to Sequence
Next View 	Pressing the View button navigates to the next view in the Tree View. Pressing the Alt+View button will navigate to the previous view in the Tree View. Entering a number on the keypad (0-9) and then pressing

Control	Description
	the View button will navigate to the first view ID matching the number entered.
Camera 	Pressing the Camera button navigates to the next camera in the Tree View. Pressing the Alt+Camera button navigates to the previous camera in the Tree View. Entering a number on the keypad (0-9) and then pressing the Camera button goes to the first camera ID matching the number entered from the list under the server. If there are multiple servers, navigation will be to the next item matching the entered camera ID under the selected server node.
Preset 	Entering a number on the keypad (0-9) and then pressing the Preset button will send the camera to the entered preset. The keypad can hold up to 4 numeric entries. Presets can have a range of 1-9999.
Time 	LIVE VIEW: enter a time (hhmm) and press the key to initiate playback from the entered time. The end time would be the current time or the requested time + 24 hours, whichever is less.  PLAYBACK MODE (Playback, Multi Playback): enter a time (hhmm) and it will seek to the time if the clip is already loaded or initiate a playback request if new time.  THUMBNAIL SEARCH: Enter a time (hhmm) and it will select the thumbnail that the requested time falls within, or initial a new thumbnail search if playback request is a new time.
Quick Review 	Quick Review of the selected camera for 30 seconds. Entering a number (0-9) or combination of numbers and then pressing the Quick Review button will open the Quick Review window with the entered playback time in minutes. For example, entering 2 will open Quick Review automatically with 2 minutes of playback.
Buttons 0-9	Numeric 0-9
Tab 	Navigate forward to next camera in the selected view.  Alt+Tab will navigate backward to the previous camera in the selected view.
Alt	Used in combination with other keypad options to handle backward navigation. See descriptions above.  If Alt+0 is pressed this will put the controller into mouse mode. Selecting Alt+0 again will put it back into joystick mode.

## Mouse Mode

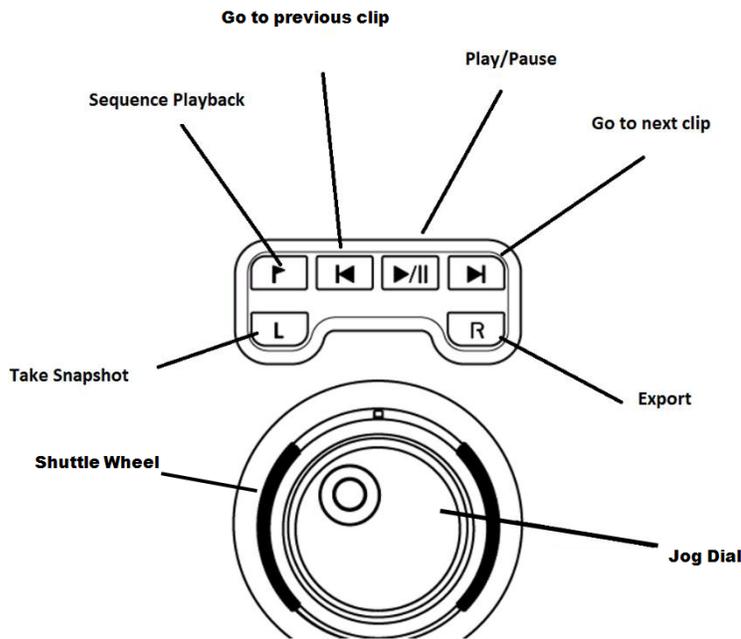
As described in the Alt entry of the table above, press Alt+0 to toggle mouse mode on and off on the joystick.

# AXIS T8313 JOG DIAL

The AXIS T8313 Video Surveillance Jog Dial is a USB device used to jog and shuttle through recorded video.

## AXIS T8313 Jog Dial Functions

Detailed in the diagram below are the preset functions specific to CompleteView. See the table for more information.



Control	Description
Sequential Playback 	Pressing the Sequential Playback button while in the Playback window will play clips one after the other in sequence. Note, a clip must be selected and displayed in the Playback window first before this sequential playback will work. Only functional in the Playback window.
Back Button 	Selection of this button in the Playback window will select the previous clip from the list of video clips. Selecting this button in Multi Playback window will seek to the beginning of the currently playing clip.
Play/Pause 	Selecting the Play/Pause button will open the video clip for viewing if not already open or play the video clip if the clip is open. This button

Control	Description
	will also pause a video clip that is already playing.
Forward Button 	Selection of this button in the Playback window will select the next clip from the list of video clips. Selecting this button in Multi Playback window will seek to the end of the currently playing clip.
L 	Take a Snapshot in Live mode. In Thumbnail Search, L will zoom in to the next set of time-divisible thumbnails within the selected thumbnail if possible. If zooming is not possible, L will take a snapshot in Thumbnail Search.
R 	Export a Clip in Live mode. In Thumbnail Search, R will zoom out to the next set of time-divisible thumbnails within the selected thumbnail if possible. If zoom not possible, R will export a clip in Thumbnail Search.
Shuttle Wheel	Shuttle clockwise - Playback: Increase speed Shuttle counterclockwise - Playback: reduce speed
Jog Dial	Jog clockwise - Step forward in Playback paused state. If in Thumbnail Search, jog clockwise will select the next thumbnail. Jog counterclockwise - step backward in Playback paused state. If in Thumbnail Search, jog counterclockwise will select the previous thumbnail.

## TROUBLESHOOTING

If the AXIS T8310 Video Surveillance Control Board is or becomes unresponsive, begin troubleshooting by restarting the CompleteView Video Client.

If the unit is still unresponsive after relaunching the Video Client, perform the following steps in the order given:

1. Unplug all the components from each other
2. Plug only the joystick into a USB 2.0 port
3. Restart the computer
4. Wait until the Windows operating system detects the unit's driver and installs it
5. Once Windows installs the driver successfully, plug in the next component to the joystick and wait for Windows to install the driver before plugging in the final component

If, after following those steps in order, the unit is still unresponsive, it may be necessary to disable the PC's ability to boot from a USB drive or other removable device. Those settings will be found in the PC's BIOS . Consult the PC manufacturer's documentation for more information.

In addition, heavy use of the Jog Dial followed by switching view modes may cause a noticeable lag in responsiveness between the AXIS T8310 Video Surveillance Control Board and CompleteView. In case of unacceptable lag, refrain from using the controls and allow Windows time to process the inputs already submitted.

## ADDITIONAL RESOURCES

Visit the Salient website, [www.salientsys.com](http://www.salientsys.com), for additional support and CompleteView training:

- Manuals & Documentation (<https://support.salientsys.com/hc/en-us/categories/115000292747-Knowledge-Base>) – Includes Administrator’s Manual, Client User Manuals (including Video, Alarm and Web clients), How To Guides and Tips.
- Online Tech Support (<https://support.salientsys.com/hc/en-us>) – Get quick access to online tech support modules that cover the most frequently asked product questions, such as “Adding and Moving IP Camera Licenses.”
- Training (<https://support.salientsys.com/hc/en-us/categories/115000302988-Training>) – we offer both online and classroom training.
  - CompleteView™ Online Certification - Register online for access to interactive training modules covering the Video, Alarm, Mapping and Web clients
  - CompleteView™ Classroom Certification - Our traditional classroom training is available throughout the United States. Please visit the Salient website for link to online training, training calendar, agenda and registration

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