

Enabling PTZ on a Camera Connected to an Axis Encoder

To enable PTZ functionality on a PTZ-enabled camera connected to an exacqVision system through an Axis encoder, you must install and configure the appropriate PTZ driver on the encoder. To do this, complete the following steps:

1. Download PTZ drivers from the Axis web site. You must know the encoder series and model, along with the manufacturer (or protocol) of the PTZ cameras connected to the encoder. If you cannot locate the PTZ driver for the encoder on the Axis web site, please contact Axis directly.
2. Open the encoder's local web page. Install the driver and configure the Serial Support Settings as shown in the figures shown below.
3. In exacqVision Client, open the Camera Setup page for each applicable camera and verify that the Serial Port drop-down list in the PTZ section is set to IP.

exacqVision Support Portal

The screenshot shows the 'PTZ Drivers' configuration page for the AXIS M7014 Video Encoder. The left sidebar contains a navigation menu with categories like Basic Setup, Video, Live View Config, PTZ, Detectors, Events, Recordings, System Options, and About. The main content area is titled 'PTZ Drivers' and includes an 'Upload' section with 'Browse...' and 'Upload' buttons, and a 'Select driver to use:' dropdown menu currently set to 'Pelco [4.09]'. Below this is a 'Note' and four 'Video Channel' sections (1-4), each with an 'Activate PTZ' checkbox and fields for 'Device id' and 'Device type'. The 'Save' and 'Reset' buttons are at the bottom.

The screenshot shows the 'COM Port' configuration page for the AXIS M7014 Video Encoder. The left sidebar is similar to the previous page, with 'System Options' expanded to show 'COM Port'. The main content area is titled 'COM Port' and includes 'Port Settings' with checkboxes for 'Enable port', 'Generic HTTP', 'Pan Tilt Zoom', and 'Generic TCP/IP'. Below is the 'Port Type' section, which is circled in red, showing 'Port type' set to 'Serial Port'. Underneath is the 'Serial Port Settings' section, also circled in red, with fields for 'Port mode' (RS485 - 2 wire), 'Baud rate' (9600), 'Data bits' (8), 'Stop bits' (1), 'Parity' (None), and 'Termination'. 'Save' and 'Reset' buttons are at the bottom.